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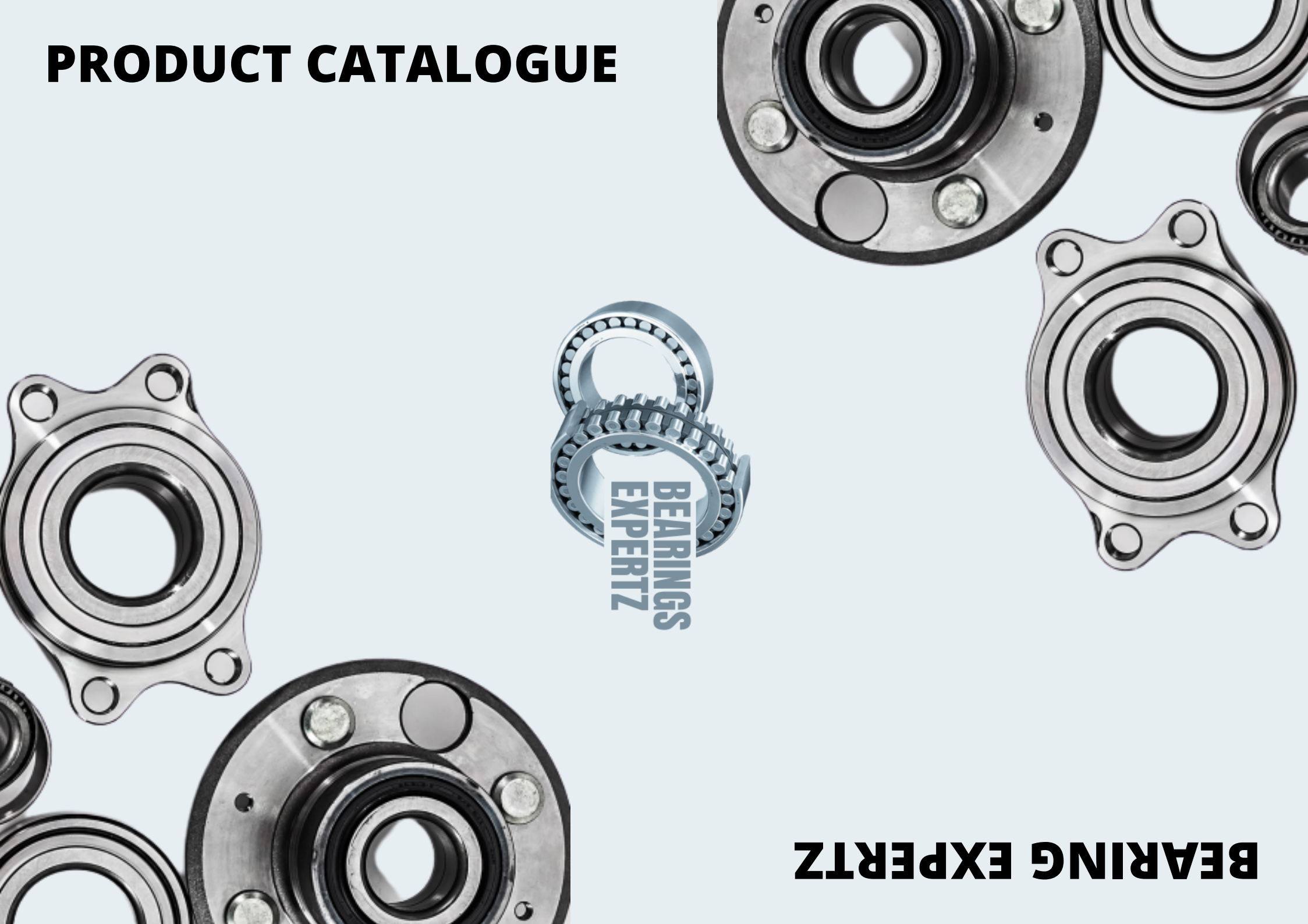

BEARING EXPERTZ

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Symbols
Nomenclature

Symbol	Definition
d	Nominal bore diameter
d_s	Single bore diameter
d_{mp}	1. Mean bore diameter; arithmetical mean of the largest and smallest single bore diameters in one plane 2. Mean diameter at the small end of a tapered bore; arithmetical mean of the largest and smallest single diameters
Δd_s	Deviation of single bore diameter from the nominal
Δd_{mp}	Deviation of the mean bore diameter from the nominal
d_1	Nominal diameter at theoretical large end of a tapered bore
d_{1mp}	Mean diameter at theoretical large end of tapered bore; arithmetical mean of the largest and smallest single bore diameters
Δd_{1mp}	Deviation of the mean bore diameter at the theoretical large end of a tapered bore from the nominal
V_{dp}	Bore diameter variation; difference between the largest and smallest single bore diameters in one plane
V_{dmp}	Mean bore diameter variation; difference between the largest and smallest mean bore diameters in one plane
D	Nominal outside diameter
D_s	Single outside diameter
D_{mp}	Mean outside diameter; arithmetical mean of the largest and smallest single outside diameters in one plane
ΔD_s	Deviation of single outside diameter from the nominal
ΔD_{mp}	Deviation of the mean outside diameter from the nominal
V_{Dp}	Outside diameter variation; difference between the largest and smallest single outside diameters in one plane
V_{Dmp}	Mean bore diameter variation; difference between the largest and smallest mean outside diameters of one ring or washer
r_s	Single chamfer dimension
$r_{s\ min}$	Smallest single chamfer dimension

Symbol	Definition
r_1, r_3	Radial direction chamfer dimension
r_2, r_4	Axial direction chamfer dimension
B, C	Nominal width of inner ring and outer ring, respectively
B_s, C_s	Single width of inner ring and outer ring, respectively
B_{1s}, C_{1s}	Single width of inner ring and outer ring, respectively, of a bearing specifically manufactured for paired mounting
$\Delta B_s, \Delta C_s$	Deviation of single, inner ring or outer ring width, from the nominal
V_{Bs}, V_{Cs}	Ring width variation; difference between the largest and smallest single widths of inner ring and or outer ring, respectively
T_s	1. Single width of taper roller bearing; distance between cone back face and cup back face 2. Single height of single direction thrust bearing except spherical roller thrust bearing
T_{1s}	1. Single width of cup assembled with master cup of taper roller bearing 2. Single height of double direction thrust ball bearing with seating washer
T_{2s}	1. Single width of cup assembled with master cone of taper roller bearing 2. Single height of double direction thrust bearing
T_{3s}	Single height of double direction thrust ball bearing with seating washer
T_{4s}	Single height of spherical roller thrust bearing
$\Delta T_s, \Delta T_{1s}$	1. Deviation of single width of taper roller bearing from the nominal 2. Deviation of single height of thrust bearing from the nominal
K_{ia}, K_{ea}	Radial runout of assembled bearing inner ring and assembled bearing outer ring, respectively
S_d	Side face runout with reference to bore
S_D	Outside inclination variation; variation in inclination of outside cylindrical surface to outer ring side face
S_{ia}, S_{ea}	Side face runout of assembled bearing inner ring and assembled bearing outer ring, respectively
S_i, S_e	Thickness variation, measured from middle of raceway to back face of shaft washer and of housing washer, respectively

Normal Tolerances

Radial Bearings

except taper roller bearings

Inner Ring

d		Δd_{mp}		V_{dp}			V_{dmp}	ΔB_s		ΔB_{1s}		V_{Bs}	K_{ia}
mm		µm		Diameter Series									
				7, 8, 9	0, 1	2, 3, 4							
over	incl.	high	low	max	max	max	max	high	low	high	low	max	max
-	**2,5**	0	-8	10	8	6	6	0	-40	-	-	12	10
2,5	**10**	0	-8	10	8	6	6	0	-120	0	-250	15	10
10	**18**	0	-8	10	8	6	6	0	-120	0	-250	20	10
18	**30**	0	-10	13	10	8	8	0	-120	0	-250	20	13
30	**50**	0	-12	15	12	9	9	0	-120	0	-250	20	15
50	**80**	0	-15	19	19	11	11	0	-150	0	-380	25	20
80	**120**	0	-20	25	25	15	15	0	-200	0	-380	25	25
120	**180**	0	-25	31	31	19	19	0	-250	0	-500	30	30
180	**250**	0	-30	38	38	23	23	0	-300	0	-500	30	40
250	**315**	0	-35	44	44	26	26	0	-350	0	-500	35	50
315	**400**	0	-40	50	50	30	30	0	-400	0	-630	40	60
400	**500**	0	-45	56	56	34	34	0	-450	0	-630	50	65
500	**630**	0	-50	63	63	38	38	0	-500	0	-	60	70
630	**800**	0	-75	-	-	-	-	0	-750	-	-	70	80
800	**1000**	0	-100	-	-	-	-	0	-1000	-	-	80	90
1000	**1250**	0	-125	-	-	-	-	0	-1250	-	-	100	100
1250	**1600**	0	-160	-	-	-	-	0	-1600	-	-	120	120
1600	**2000**	0	-200	-	-	-	-	0	-2000	-	-	140	140

Outer Ring

D		Δd_{mp}		V_{Dp}				V_{Dmp}	ΔC_s, ΔC_{1s}, VC_s	K_{ea}
mm		µm		Diameter Series			Bearings with shields or seals			
				7, 8, 9	0, 1	2, 3, 4				
over	incl.	high	low	max	max	max	max	max		max
6	**18**	0	-8	10	8	6	10	6	Values identical to those for inner ring	15
18	**30**	0	-9	12	9	7	12	7		15
30	**50**	0	-11	14	11	8	16	8		20
50	**80**	0	-13	16	13	10	20	10		25
80	**120**	0	-15	19	19	11	26	11		335
120	**150**	0	-18	23	23	14	30	14		40
150	**180**	0	-25	31	31	19	38	19		45
180	**250**	0	-30	38	38	23	-	23		50
250	**315**	0	-35	44	44	56	-	26		60
315	**400**	0	-40	50	51	30	-	30		70
400	**500**	0	-45	56	56	34	-	34		80
500	**630**	0	-50	61	61	38	-	38		100
630	**800**	0	-75	94	94	55	-	55		120
800	**1000**	0	-100	125	125	75	-	75		140
1000	**1250**	0	-125	-	-	-	-	-		160
1250	**1600**	0	-160	-	-	-	-	-		190
1600	**2000**	0	-200	-	-	-	-	-		220
2000	**2500**	0	-250	-	-	-	-	-		250

Class P6 Tolerances

Radial Bearings

except taper roller bearings

Inner Ring

d		**Δd_{mp}**		**V_{dp}**			**V_{dmp}**	**ΔB_s**		**ΔB_{1s}**		**V_{Bs}**	**K_{ia}**
mm		µm		Diameter Series									
				7, 8, 9	0, 1	2, 3, 4							
over	incl.	high	low	max	max	max	max	high	low	high	low	max	max
-	**2.5**	0	-7	9	7	5	5	0	-40	-	-	12	5
2.5	**10**	0	-7	9	7	5	5	0	-120	0	-250	15	6
10	**18**	0	-7	9	7	5	5	0	-120	0	-250	20	7
18	**30**	0	-8	10	8	6	6	0	-120	0	-250	20	8
30	**50**	0	-10	13	10	8	8	0	-120	0	-250	20	10
50	**80**	0	-12	15	45	9	9	0	-150	0	-380	25	10
80	**120**	0	-15	19	19	11	11	0	-200	0	-380	25	13
120	**180**	0	-18	23	23	14	14	0	-250	0	-500	30	18
180	**250**	0	-22	28	28	17	17	0	-300	0	-500	30	20
250	**315**	0	-25	31	31	19	19	0	-350	0	-500	35	25
315	**400**	0	-30	38	38	23	23	0	-400	0	-630	40	30
400	**500**	0	-35	44	44	26	26	0	-450	0	-630	45	35
500	**630**	0	-40	50	50	30	30	0	-500	0	-800	50	40
630	**800**	0	-50	-	-	-	-	0	-750	-	-	55	45
800	**1000**	0	-65	-	-	-	-	0	-1000	-	-	60	50
1000	**1250**	0	-80	-	-	-	-	0	-1250	-	-	70	60
1250	**1600**	0	-100	-	-	-	-	0	-1600	-	-	70	70
1600	**2000**	0	-130	-	-	-	-	0	-2000	-	-	80	80

Outer Ring

D		Δd_{mp}		V_{Dp}				V_{Dmp}	ΔC_s, ΔC_{1s}, VC_s	K_{ea}
mm		µm		Diameter Series			Bearings with shields or seals			
				7, 8, 9	0, 1	2, 3, 4				
over	incl.	high	low	max	max	max	max	max		max
6	**18**	0	-7	9	7	5	9	5	Values identical to those for inner ring	8
18	**30**	0	-8	10	8	6	10	6		9
30	**50**	0	-9	11	9	7	13	7		10
50	**80**	0	-11	14	11	8	16	8		13
80	**120**	0	-13	16	16	10	20	10		18
120	**150**	0	-15	19	19	11	25	11		20
150	**180**	0	-18	23	23	14	30	14		23
180	**250**	0	-20	25	25	15	-	15		25
250	**315**	0	-25	31	31	19	-	19		30
315	**400**	0	-28	35	35	21	-	21		35
400	**500**	0	-33	41	41	25	-	25		40
500	**630**	0	-38	48	48	29	-	29		50
630	**800**	0	-45	56	56	31	-	34		60
800	**1000**	0	-60	75	75	45	-	45		75
1000	**1250**	0	-80	-	-	-	-	-		85
1250	**1600**	0	-100	-	-	-	-	-		100
1600	**2000**	0	-130	-	-	-	-	-		100
2000	**2500**	0	-160	-	-	-	-	-		120

Class P5 Tolerances

Radial Bearings

except taper roller bearings

Inner Ring

d		Δd_{mp}		V_{dp}		V_{dmp}	ΔB_s		ΔB_{1s}		V_{Bs}	K_{ia}	S_d	S_{ia}
mm		µm		Diameter Series										
				7, 8, 9	0, 1, 2, 3, 4									
over	incl.	high	low	max	max	max	high	low	high	low	max	max	max	max
-	**2,5**	0	-5	5	4	3	0	-40	0	-250	5	4	7	7
2,5	**10**	0	-5	5	4	3	0	-40	0	-250	5	4	7	7
10	**18**	0	-5	5	4	3	0	-80	0	-250	5	4	7	7
18	**30**	0	-6	6	5	3	0	-120	0	-250	5	4	8	8
30	**50**	0	-8	8	6	4	0	-120	0	-250	5	5	8	8
50	**80**	0	-9	9	7	5	0	-150	0	-250	6	5	8	8
80	**120**	0	-10	10	8	5	0	-200	0	-380	7	6	9	9
120	**180**	0	-13	13	10	7	0	-250	0	-380	8	8	10	10
180	**250**	0	-15	15	12	8	0	-300	0	-500	10	10	11	13
250	**315**	0	-18	18	14	9	0	-350	0	-500	13	13	13	15
315	**400**	0	-23	23	18	1	0	-400	0	-630	15	15	15	21
400	**500**	0	-27	28	21	1	0	-450	0	-630	18	17	18	23
500	**630**	0	-33	35	26	1	0	-500	0	-800	20	19	20	25
630	**800**	0	-40	-	-	-	0	-750	-	-	26	22	26	30
800	**1000**	0	-50	-	-	-	0	-1000	-	-	32	26	32	30
1000	**1250**	0	-65	-	-	-	0	-1250	-	-	38	30	38	30
1250	**1600**	0	-80	-	-	-	0	-1600	-	-	45	35	45	30
1600	**2000**	0	-100	-	-	-	0	-2000	-	-	55	40	55	30

Outer Ring

D		ΔD_{mp}		V_{Dp}		V_{Dmp}	ΔC_s, ΔC_{1s}	V_{Cs}	K_{ea}	S_D	S_{ea}
mm		μm		Diameter Series							
				7, 8, 9	0, 1, 2, 3, 4						
over	incl.	high	low	max	max	max		max	max	max	max
6	**18**	0	-5	5	4	3	Values are identical to those for inner ring	5	5	8	8
18	**30**	0	-6	6	5	3		5	6	8	8
30	**50**	0	-7	7	5	4		5	7	8	8
50	**80**	0	-9	9	7	5		6	8	8	10
80	**120**	0	-10	10	8	5		8	10	9	11
120	**150**	0	-11	11	8	6		8	11	10	13
150	**180**	0	-13	13	10	7		8	13	10	14
180	**250**	0	-15	15	11	8		10	15	11	15
250	**315**	0	-18	18	14	9		11	18	13	18
315	**400**	0	-20	20	15	10		13	20	13	20
400	**500**	0	-23	23	17	12		15	23	15	23
500	**630**	0	-28	28	21	14		18	25	18	25
630	**800**	0	-35	35	26	18		20	30	20	30
800	**1000**	0	-40	50	29	25		25	35	25	35
1000	**1250**	0	-50	-	-	-		30	40	30	45
1250	**1600**	0	-65	-	-	-		35	45	35	55
1600	**2000**	0	-85	-	-	-		38	55	40	55
2000	**2500**	0	-110	-	-	-		45	65	50	55

Normal Tolerances

Taper Roller Bearings

Metric Series

Inner Ring/Cone

d		Δd_{mp}		V_{dp}	V_{dmp}	ΔB_s		K_{ia}	ΔT_s		ΔT_{1s}		ΔT_{1s}	
mm		µm												
over	incl.	high	low	max	max	high	low	max	high	low	high	low	high	low
10	**18**	0	-12	12	9	0	-120	15	+200	0	+100	0	+100	0
18	**30**	0	-12	12	9	0	-120	18	+200	0	+100	0	+100	0
30	**50**	0	-12	12	9	0	-120	20	+200	0	+100	0	+100	0
50	**80**	0	-15	15	11	0	-150	25	+200	0	+100	0	+100	0
80	**120**	0	-20	20	15	0	-200	30	+200	-200	+100	-100	+100	-100
120	**180**	0	-25	25	19	0	-250	35	+350	-250	+150	-150	+200	-100
180	**250**	0	-30	30	23	0	-300	50	+350	-250	+150	-150	+200	-100
250	**315**	0	-35	35	26	0	-350	60	+350	-250	+150	-150	+200	-100
315	**400**	0	-40	40	30	0	-400	70	+400	-400	+200	-200	+200	-200
400	**500**	0	-45	45	34	0	-450	70	+400	-400				
500	**630**	0	-50	50	38	0	-500	85	+500	-500				
630	**800**	0	-75	75	56	0	-750	100	+600	-600				
800	**1000**	0	-100	100	75	0	-1000	120	+750	-750				
1000	**1250**	0	-125	-	-	0	-1250	120	+1000	-1000				
1250	**1600**	0	-160	-	-	0	-1600	120	+1500	-1500				
1600	**2000**	0	-200	-	-	0	-2000	120	+1500	-1500				

Outer Ring/Cup

D		ΔD_{mp}		V_{Dp}	V_{Dmp}	ΔC_s	K_{ea}
mm		μm					
over	incl.	high	low	max	max		max
18	**30**	0	-12	12	9	Values are identical to those for inner ring/cone	18
30	**50**	0	-14	14	11		20
50	**80**	0	-16	16	12		25
80	**120**	0	-18	18	14		35
120	**150**	0	-20	20	15		40
150	**180**	0	-25	25	19		45
180	**250**	0	-30	30	23		50
250	**315**	0	-35	35	26		60
315	**400**	0	-40	40	30		70
400	**500**	0	-45	45	34		80
500	**630**	0	-50	50	38		100
630	**800**	0	-75	75	55		120
800	**1000**	0	-100	100	75		120
1000	**1250**	0	-125	125	94		120
1250	**1600**	0	-160	160	120		120
1600	**2000**	0	-200	-	-		120
2000	**2500**	0	-250	-	-		120

Class CLN Tolerances

Taper Roller Bearings

Metric Series

Inner Ring/Cone

d		Δd_{mp}		V_{dp}	V_{dmp}	ΔB_s		K_{ia}	ΔT_s		ΔT_{1s}		ΔT_{1s}	
mm		µm												
over	incl.	high	low	max	max	high	low	max	high	low	high	low	over	incl.
10	**18**	0	-12	12	9	0	-50	15	+100	0	+50	0	+50	0
18	**30**	0	-12	12	9	0	-50	18	+100	0	+50	0	+50	0
30	**50**	0	-12	12	9	0	-50	20	+100	0	+50	0	+50	0
50	**80**	0	-15	15	11	0	-50	25	+100	0	+50	0	+50	0
80	**120**	0	-20	20	15	0	-100	30	+100	0	+50	0	+50	0
120	**180**	0	-25	25	19	0	-100	35	+150	0	+50	0	+100	0
180	**250**	0	-30	30	23	0	-150	50	+150	0	+50	0	+100	0
250	**315**	0	-35	35	26	0	-150	60	+200	0	+100	0	+100	0
315	**400**	0	-40	40	30	0	-200	70	+200	0	+100	0	+100	0
400	**500**	0	-45	45	34	0	-200	70	+200	0	-	-	-	-
500	**630**	0	-50	50	38	0	-250	85	+250	0	-	-	-	-
630	**800**	0	-75	75	56	0	-350	100	+300	0	-	-	-	-
800	**1000**	0	-100	100	75	0	-500	120	+350	0	-	-	-	-
1000	**1250**	0	-125	-	-	0	-600	120	+500	0	-	-	-	-
1250	**1600**	0	-160	-	-	0	-800	120	+750	0	-	-	-	-
1600	**2000**	0	-200	-	-	0	-1000	120	+750	0	-	-	-	-

Outer Ring/Cup

D		ΔD_{mp}		V_{Dp}	V_{Dmp}	ΔC_s		K_{ea}	
mm		µm							
over	incl.	high	low	max	max	high	low	max	max
18	**30**	0	-12	12	9	0	-100	18	
30	**50**	0	-14	14	11	0	-100	20	
50	**80**	0	-16	16	12	0	-100	25	
80	**120**	0	-18	18	14	0	-100	35	
120	**150**	0	-20	20	15	0	-150	40	
150	**180**	0	-25	25	19	0	-200	45	
180	**250**	0	-30	30	23	0	-250	50	
250	**315**	0	-35	35	26	0	-300	60	
315	**400**	0	-40	40	30	0	-350	70	
400	**500**	0	-45	45	34	0	-400	80	
500	**630**	0	-50	50	38	0	-450	100	
630	**800**	0	-75	75	55	0	-500	120	
800	**1000**	0	-100	100	75	0	-750	120	
1000	**1250**	0	-125	125	94	0	-1000	120	
1250	**1600**	0	-160	160	120	0	-1250	120	
1600	**2000**	0	-200	-	-	0	-1600	120	
2000	**2500**	0	-250	-	-	0	-2000	120	

Class P5 Tolerances

Taper Roller Bearings

Metric Series

Inner Ring/Cone

d		Δd_{mp}		V_{dp}	V_{dmp}	ΔB_s		K_{ia}	ΔT_s		ΔT_{1s}		ΔT_{1s}	
mm		µm												
over	incl.	high	low	max	max	high	low	max	high	low	high	low	high	low
10	**18**	0	-12	12	9	0	-120	15	+200	0	+100	0	+100	0
18	**30**	0	-12	12	9	0	-120	18	+200	0	+100	0	+100	0
30	**50**	0	-12	12	9	0	-120	20	+200	0	+100	0	+100	0
50	**80**	0	-15	15	11	0	-150	25	+200	0	+100	0	+100	0
80	**120**	0	-20	20	15	0	-200	30	+200	-200	+100	-100	+100	-100
120	**180**	0	-25	25	19	0	-250	35	+350	-250	+150	-150	+200	-100
180	**250**	0	-30	30	23	0	-300	50	+350	-250	+150	-150	+200	-100
250	**315**	0	-35	35	26	0	-350	60	+350	-250	+150	-150	+200	-100
315	**400**	0	-40	40	30	0	-400	70	+400	-400	+200	-200	+200	-200
400	**500**	0	-45	45	34	0	-450	70	+400	-400				
500	**630**	0	-50	50	38	0	-500	85	+500	-500				
630	**800**	0	-75	75	56	0	-750	100	+600	-600				
800	**1000**	0	-100	100	75	0	-1000	120	+750	-750				
1000	**1250**	0	-125	-	-	0	-1250	120	+1000	-1000				
1250	**1600**	0	-160	-	-	0	-1600	120	+1500	-1500				
1600	**2000**	0	-200	-	-	0	-2000	120	+1500	-1500				

Outer Ring/Cup

D		ΔD_{mp}		V_{Dp}	V_{Dmp}	ΔC_s	K_{ea}
mm		μm					
over	incl.	high	low	max	max		max
18	**30**	0	-12	12	9	Values are identical to those for inner ring/cone	18
30	**50**	0	-14	14	11		20
50	**80**	0	-16	16	12		25
80	**120**	0	-18	18	14		35
120	**150**	0	-20	20	15		40
150	**180**	0	-25	25	19		45
180	**250**	0	-30	30	23		50
250	**315**	0	-35	35	26		60
315	**400**	0	-40	40	30		70
400	**500**	0	-45	45	34		80
500	**630**	0	-50	50	38		100
630	**800**	0	-75	75	55		120
800	**1000**	0	-100	100	75		120
1000	**1250**	0	-125	125	94		120
1250	**1600**	0	-160	160	120		120
1600	**2000**	0	-200	-	-		120
2000	**2500**	0	-250	-	-		120

Normal Tolerances

Taper Roller Bearings

Inch Series

Inner Ring/Cone

d		**Δd_s**					
		Normal		CL3		CL0	
mm		µm					
over	incl.	high	low	high	low	high	low
-	**76.2**	+13	0	+13	0	+13	0
76.2	**101.6**	+25	0	+13	0	+13	0
101.6	**266.7**	+25	0	+13	0	+13	0
266.7	**304.8**	+25	0	+13	0	+13	0
304.8	**609.6**	+51	0	+25	0	+25	0
609.6	**914.4**	+76	0	+38	0	+38	0
914.4	**1219.2**	+102	0	+51	0	+51	0
1219.2		+127	0	+76	0	+76	0

Outer Ring/Cup

D		**ΔD_s**						**K_{ia}, K_{ea}, S_{ia}, S_{ea},**		
		Normal		CL3		CL0		Tolerance class		
mm		µm						Normal	CL3	CL0
over	incl.	high	low	high	low	high	low	max	max	max
-	**266.7**	+25	0	+13	0	+13	0	51	8	4
266.7	**304.8**	+25	0	+13	0	+13	0	51	8	4
304.8	**609.6**	+51	0	+25	0	+25	0	51	18	9
609.6	**914.4**	+76	0	+38	0	+38	0	76	51	26
914.4	**1219.2**	+102	0	+51	0	+51	0	76	76	38
1219.2		+127	0	+76	0	+76	0	76	76	-

Abutment width (single row only)

d		**D**		**Δd_s**					
				Normal		CL3		CL0	
mm		mm		µm					
over	incl.	over	incl.	high	low	high	low	high	low
-	**101.6**			+203	0	+203	-203	+203	-203
101.6	**266.7**			+356	+254	+203	-203	+203	-203
266.7	**304.8**			+356	+254	+203	-203	+203	-203
304.8	**609.6**	-	508	+381	+381	+203	-203	+203	-203
304.8	**609.6**	508		+381	+381	+381	-381	+381	-381
609.6	**-**			+381	+381	+381	-381	+381	-381

Tapered Bore Tolerances

Taper 1:12

		Class Normal, P6					Class P5				
d		Δd_{mp}		V_{dp}	$\Delta_{d1mp}-\Delta d_{mp}$		Δd_{mp}		V_{dp}	$\Delta_{d1mp}-\Delta d_{mp}$	
over	incl.	high	low	max	high	low	high	low	max	high	low
18	**30**	+21	0	13	+21	0	+13	0	13	+13	0
30	**50**	+25	0	15	+25	0	+16	0	15	+16	0
50	**80**	+30	0	19	+30	0	+19	0	19	+19	0
80	**120**	+35	0	25	+35	0	+22	0	22	+22	0
120	**180**	+40	0	31	+40	0	+25	0	25	+25	0
180	**250**	+46	0	38	+46	0	+29	0	29	+29	0
250	**315**	+52	0	44	+52	0	+32	0	32	+32	0
315	**400**	+57	0	50	+57	0	+36	0	36	+36	0
400	**500**	+63	0	56	+63	0	+40	0	-	+40	0
500	**630**	+70	0	-	+70	0	+44	0	-	+44	0
630	**800**	+80	0	-	+80	0	+50	0	-	+50	0
800	**1000**	+90	0	-	+90	0	+56	0	-	+56	0
1000	**1250**	+105	0	-	+105	0	+66	0	-	+66	0
1250	**1600**	+125	0	-	+125	0	+78	0	-	+78	0
1600	**2000**	+150	0	-	+150	0	+92	0	-	+92	0

Taper 1:30

		Class Normal				
d		**Δd_{mp}**		**V_{dp}**	**Δ_{d1mp}-Δd_{mp}**	
over	incl.	high	low	max	high	low
80	**120**	+20	0	25	+40	0
120	**150**	+25	0	31	+50	0
180	**250**	+30	0	38	+55	0
250	**315**	+35	0	44	+60	0
315	**400**	+40	0	50	+65	0
400	**500**	+45	0	56	+75	0
500	**630**	+50	0	63	+85	0
630	**800**	+75	0	-	+100	0
800	**1000**	+100	0	-	+100	0
1000	**1250**	+125	0	-	+115	0
1250	**1600**	+160	0	-	+125	0
1600	**2000**	+200	0	-	+150	0

Normal, P6 and P5 Tolerances

Thrust Bearings

Shaft Washer

d		**Δd_{mp}**		**V_{dp}**	**S_i** (do not apply to spherical roller thrust bearing)		
mm		µm			Tolerance class		
					Normal	P6	P5
over	incl.	high	low	max	max	max	max
-	**18**	0	-8	6	10	5	3
18	**30**	0	-10	8	10	5	3
30	**50**	0	-12	9	10	6	3
50	**80**	0	-15	11	10	7	4
80	**120**	0	-20	15	15	8	4
120	**180**	0	-25	19	15	9	5
180	**250**	0	-30	23	20	10	5
250	**315**	0	-35	26	25	13	7
315	**400**	0	-40	30	30	15	7
400	**500**	0	-45	34	30	18	9
500	**630**	0	-50	38	35	21	11
630	**800**	0	-75	-	40	25	13
800	**1000**	0	-100	-	45	30	15
1000	**1250**	0	-125	-	50	35	18
1250	**1600**	0	-160	-	60	40	21
1600	**2000**	0	-200	-	75	50	25

Housing Washer

D		ΔD_{mp}		V_{Dp}	S_e		
mm		µm			Tolerance class		
					Normal	P6	P5
over	incl.	high	low	max	max	max	max
18	**30**	0	-13	10	10	5	3
30	**50**	0	-16	12	10	6	3
50	**80**	0	-19	14	10	7	4
80	**120**	0	-22	17	15	8	4
120	**180**	0	-25	19	15	9	5
180	**250**	0	-30	23	20	10	5
250	**315**	0	-35	26	25	13	7
315	**400**	0	-40	30	30	15	7
400	**500**	0	-45	34	30	18	9
500	**630**	0	-50	38	35	21	11
630	**800**	0	-75	55	40	25	13
800	**1000**	0	-100	75	45	30	15
1000	**1250**	0	-125	-	50	35	18
1250	**1600**	0	-160	-	60	40	21
1600	**2000**	0	-200	-	75	50	25

Bearing Height

d		ΔT_s		ΔT_{1s}		ΔT_{2s}		ΔT_{3s}		ΔT_{4s}	
mm		µm									
over	incl.	high	low	high	low	high	low	high	low	high	low
18	**30**	+20	-250	+100	-250	+150	-400	+300	-400	+20	-300
30	**50**	+20	-250	+100	-250	+150	-400	+300	-400	+20	-300
50	**80**	+20	-300	+100	-300	+150	-500	+300	-500	+20	-400
80	**120**	+25	-300	+150	-300	+200	-500	+400	-500	+25	-400
120	**180**	+25	-400	+150	-400	+200	-600	+400	-600	+25	-500
180	**250**	+30	-400	+150	-400	+250	-600	+500	-600	+30	-500
250	**315**	+40	-400	+200	-400	+350	-700	+600	-700	+40	-700
315	**400**	+40	-500	+200	-500	+350	-700	+600	-700	+40	-700
400	**500**	+50	-500	+300	-500	+400	-900	+750	-900	+50	-900
500	**630**	+60	-600	+350	-600	+500	-1100	+900	-1100	+60	-1200
630	**800**	+70	-750	+400	-750	+600	-1300	+1100	-1300	+70	-1400
800	**1000**	+80	-1000	+450	-1000	+700	-1500	+1300	-1500	+80	-1800
1000	**1250**	+100	-1400	+500	-1400	+900	-1800	+1600	-1800	+100	-2400

Radial Internal Clearance

Deep Groove Ball Bearing

Bore Diameter		Radial Internal Clearance (μm)									
d (mm)		C2		Normal		C3		C4		C5	
over	incl.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.
2.5	**10**	0	7	2	13	8	23	14	29	20	37
10	**18**	0	9	3	18	11	25	18	33	25	45
18	**24**	0	10	5	20	13	28	20	36	28	48
24	**30**	1	11	5	20	13	28	23	41	30	53
30	**40**	1	11	6	20	15	33	28	46	40	64
40	**50**	1	11	6	23	18	36	30	51	45	73
50	**65**	1	15	8	28	23	43	38	61	55	90
65	**80**	1	15	10	30	25	51	46	71	65	105
80	**100**	1	18	12	36	30	58	53	84	75	120
100	**120**	2	20	15	41	36	66	61	97	90	140
120	**140**	2	23	18	48	41	81	71	114	105	160
140	**160**	2	23	18	53	46	91	81	130	120	180
160	**180**	2	25	20	61	53	102	91	147	135	200
180	**200**	2	30	25	71	63	117	107	163	150	230
200	**225**	4	32	28	82	73	132	120	187	175	255
225	**250**	4	36	31	92	87	152	140	217	205	290
250	**280**	4	39	36	97	97	162	152	237	255	320
280	**315**	8	45	42	110	110	180	175	260	260	360
315	**355**	8	50	50	120	120	200	200	290	290	405
355	**400**	8	60	60	140	140	230	230	330	330	460
400	**450**	10	70	70	160	160	260	260	370	370	520
450	**500**	10	80	80	180	180	290	290	410	410	570
500	**560**	20	90	90	200	200	320	320	460	460	630
560	**630**	20	100	100	220	220	350	350	510	510	700
630	**710**	30	120	120	250	250	390	390	560	560	780
710	**800**	30	130	130	280	280	440	440	620	620	860
800	**900**	30	150	150	310	310	490	490	690	690	960
900	**1000**	40	160	160	340	340	540	540	760	760	1040
1000	**1120**	40	170	170	370	370	590	590	840	840	1120

Radial Internal Clearance

Deep Groove Ball Bearing

With filling slots

Bore Diameter		Radial Internal Clearance (μm)					
d (mm)		C2		Normal		C3	
over	incl.	max.	min.	max.	min.	max.	min.
18	**24**	0	10	5	20	13	28
24	**30**	1	11	5	20	13	28
30	**40**	1	11	6	20	15	33
40	**50**	1	11	6	23	18	36
50	**65**	1	15	8	28	23	43
65	**80**	1	15	10	30	25	51
80	**100**	1	18	12	36	30	58

Radial Internal Clearance

Self Aligning Ball Bearing

Bore Diameter		Radial Internal Clearance (μm)							
d (mm)		C2		Normal		C3		C4	
over	incl.	max.	min.	max.	min.	max.	min.	max.	min.
With cylindrical bore									
2.5	**6**	1	8	5	15	10	20	15	25
6	**10**	2	9	6	17	12	25	19	33
10	**14**	2	10	6	19	13	26	21	35
14	**18**	3	12	8	21	15	28	23	37
18	**24**	4	14	10	23	17	30	25	39
24	**30**	5	16	11	24	19	35	29	46
30	**40**	6	18	13	29	23	40	34	53
40	**50**	6	19	14	31	25	44	37	57
50	**65**	7	21	16	36	30	50	45	69
65	**80**	8	24	18	40	35	60	54	83
80	**100**	9	27	22	48	42	70	64	96
100	**120**	10	31	25	56	50	83	75	114
120	**140**	10	38	30	68	60	100	90	135
With tapered bore									
18	**24**	7	17	13	26	20	33	28	42
24	**30**	9	20	15	28	23	39	33	50
30	**40**	12	24	19	35	29	46	40	59
40	**50**	14	27	22	39	33	52	45	65
50	**65**	18	32	27	47	41	61	56	80
65	**80**	23	39	35	57	50	75	69	98
80	**100**	29	47	42	68	62	90	84	116
100	**120**	35	56	50	81	75	108	100	139

Radial Internal Clearance

Cylindrical Roller Bearing

Bore Diameter		Radial Internal Clearance (μm)							
d (mm)		C2		Normal		C3		C4	
over	incl.	max.	min.	max.	min.	max.	min.	max.	min.
	24	0	25	20	45	35	60	50	75
24	30	0	25	20	45	34	60	50	75
30	40	5	30	25	50	45	70	60	85
40	50	5	35	30	60	50	80	70	100
50	65	10	40	40	70	60	90	80	110
65	80	10	45	40	75	65	100	90	125
80	100	15	50	50	85	75	110	105	140
100	120	15	55	50	90	85	125	125	165
120	140	15	60	60	105	100	145	145	190
140	160	20	70	70	120	115	165	165	215
160	180	25	75	75	125	120	170	170	220
180	200	35	90	90	145	140	195	195	250
200	225	45	105	105	165	160	220	220	280
225	250	45	110	110	175	170	235	235	300
250	280	55	125	125	195	190	260	260	330
280	315	55	130	205	200	275	275	350	217
315	355	65	145	145	225	225	305	305	385
355	400	100	190	190	280	280	370	370	460
400	450	110	210	210	310	310	410	410	510
450	500	100	220	220	330	330	440	440	550
500	560	120	240	240	360	360	480	480	600
560	630	140	260	260	380	380	500	500	620
630	710	145	285	285	425	425	565	565	705
710	800	150	310	310	470	470	630	630	790

Radial Internal Clearance

Needle Roller Bearing

Bore Diameter		Radial Internal Clearance (μm)							
d (mm)		C2		Normal		C3		C4	
over	incl.	max.	min.	max.	min.	max.	min.	max.	min.
	24	0	25	20	45	35	60	50	75
24	30	0	25	20	45	35	60	50	75
30	40	5	30	25	50	45	70	60	85
40	50	5	35	30	60	50	80	70	100
50	65	10	40	40	70	60	90	80	110
65	80	10	45	40	75	65	100	90	125
80	100	15	50	50	85	75	110	105	140
100	150	15	55	50	90	85	125	125	165
120	140	15	60	60	105	100	145	145	190
140	160	20	70	70	120	115	165	165	215
160	180	25	75	75	125	120	170	170	220
180	200	35	90	90	145	140	195	195	250
200	225	45	105	105	165	160	220	220	280
225	250	45	110	110	175	170	235	235	300
250	280	55	125	125	195	190	260	260	330
280	315	55	130	130	205	200	275	275	350
315	355	65	145	145	225	225	305	305	385
355	400	100	190	190	280	280	370	370	460

Radial Internal Clearance

Spherical Roller Bearing

Bore Diameter		Radial Internal Clearance (μm)									
d (mm)		C2		Normal		C3		C4		C5	
over	incl.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.
With cylindrical bore											
18	**24**	10	20	20	35	35	45	45	60	60	75
24	**30**	15	25	25	40	40	55	55	75	75	95
30	**40**	15	30	30	45	45	60	60	80	80	100
40	**50**	20	35	35	55	55	75	75	100	100	125
50	**65**	20	40	40	65	65	90	90	120	120	150
65	**80**	30	50	50	80	80	110	110	145	145	180
80	**100**	35	60	60	100	100	135	135	180	180	225
100	**120**	40	75	75	120	120	160	160	210	210	260
120	**140**	50	95	95	145	145	190	190	240	240	300
140	**160**	60	110	110	170	170	220	220	280	280	350
160	**180**	65	120	120	180	180	240	240	310	310	390
180	**200**	70	130	130	200	200	260	260	340	340	430
200	**225**	80	140	140	220	220	290	290	380	380	470
225	**250**	90	150	150	240	240	320	320	420	420	520
250	**280**	100	170	170	260	260	350	350	460	460	570
280	**315**	110	190	190	280	280	370	370	500	500	630
315	**355**	120	200	200	310	310	410	410	550	550	690
355	**400**	130	220	220	340	340	450	450	600	600	750
400	**450**	1140	240	240	370	370	500	500	660	660	820
450	**500**	140	260	260	410	410	550	550	720	720	900
500	**560**	150	280	280	440	440	600	600	780	780	1000
560	**630**	170	310	310	480	480	650	650	850	850	1100
630	**710**	190	350	350	530	530	700	700	920	920	1190
710	**800**	210	390	390	580	580	770	770	1010	1010	1300
800	**900**	230	430	430	650	650	860	860	1120	1120	1440
900	**1000**	260	480	480	710	710	930	930	1220	1220	1570
1000	**1120**	290	530	530	780	780	1020	1020	1330	1330	1720
1120	**1250**	320	580	580	860	860	1120	1120	1460	1460	1870

Radial Internal Clearance

Spherical Roller Bearing

Bore Diameter		Radial Internal Clearance (μm)									
d (mm)		C2		Normal		C3		C4		C5	
over	incl.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.
With tapered bore											
24	**30**	20	30	30	40	40	55	55	75		
30	**40**	25	35	35	50	50	65	65	85	85	105
40	**50**	30	45	45	60	60	80	80	100	100	130
50	**65**	40	55	55	75	75	95	95	120	120	160
65	**80**	50	70	70	95	95	120	120	150	150	200
80	**100**	55	80	80	110	110	140	140	180	180	230
100	**120**	65	100	100	135	135	170	170	220	220	280
120	**140**	80	120	120	160	160	200	200	260	260	330
140	**160**	90	130	130	180	180	230	230	300	300	380
160	**180**	100	140	140	200	200	260	260	340	340	430
180	**200**	110	160	160	220	220	290	290	370	370	470
200	**225**	120	180	180	250	250	320	320	410	410	520
225	**250**	140	200	200	270	270	350	350	450	450	570
250	**280**	150	220	220	300	300	390	390	490	490	620
280	**315**	175	240	240	330	330	430	430	540	540	680
315	**355**	190	270	270	360	360	470	470	590	590	740
355	**400**	210	300	300	400	400	520	520	650	650	820
400	**450**	230	330	330	440	440	570	570	720	720	910
450	**500**	260	370	370	490	490	630	630	790	790	1000
500	**560**	290	410	410	540	540	680	680	870	870	1100
560	**630**	320	460	460	600	600	760	760	980	980	1230
630	**710**	350	510	510	670	670	850	850	1090	1090	1360
710	**800**	390	570	570	750	750	960	960	1220	1220	1500
800	**900**	440	640	640	840	840	1070	1070	1370	1370	1690
900	**1000**	490	710	710	930	930	1190	1190	1520	1520	1860
1000	**1120**	530	770	770	1030	1030	1300	1300	1670	1670	2050
1120	**1250**	570	830	830	1120	1120	1420	1420	1830	1830	2250

Axial Internal Clearance

Angular Contact Ball Bearing - Series 72 B (E) and 73 B (E)

Mounted back-to-back or face-to-face in random pairs

Bore Diameter		Axial Internal Clearance (µm), Class					
d (mm)		CA		CB		CC	
over	incl.	max.	min.	max.	min.	max.	min.
-	10	4	12	14	22	22	30
10	18	5	13	15	23	24	32
18	30	7	15	18	26	32	40
30	50	9	17	22	30	40	48
50	80	11	23	26	38	48	60
80	120	14	26	32	44	55	67
120	180	17	29	35	47	62	74
180	250	21	37	45	61	74	90
250	315	26	42	52	68	90	106

Radial Clearance ~ 0.85 Axial Clearance

Preload

Angular Contact Ball Bearing - Series 72 B (E) and 73 B (E)

Mounted back-to-back or face-to-face in random pairs

Bore Diameter		Preload, Class								
d (mm)		GA			GB			GC		
over	incl.	min. (µm)	max. (µm)	max. (N)	min. (µm)	max. (µm)	max. (N)	min. (µm)	max. (µm)	max. (N)
10	18	+ 4	- 4	80	- 2	- 10	330	- 8	- 16	660
18	30	+ 4	- 4	120	- 2	- 10	480	- 8	- 16	970
30	50	+ 4	- 4	160	- 2	- 10	630	- 8	- 16	1280
50	80	+ 6	- 6	380	- 3	- 15	1500	- 12	- 24	3050
80	120	+ 6	- 6	410	- 3	- 15	1600	- 12	- 24	3250
120	180	+ 6	- 6	540	- 3	- 15	2150	- 12	- 24	4300
180	250	+ 8	- 8	940	- 4	- 20	3700	- 16	- 32	7500
250	315	+ 8	- 8	1080	- 4	- 20	4250	- 16	- 32	8600

Axial Internal Clearance

Deep Groove Ball Bearings

Bore Diameter		Axial Internal Clearance		Preload GA Bearing Series		
d (mm)		CA (μm)		Load (N)		
over	incl.	max.	min.	**60**	**62**	**63**
-	**10**	15	35	30	30	-
10	**18**	20	40	50	50	100
18	**30**	25	45	100	100	100
30	**50**	35	55	100	100	200
50	**80**	40	70	200	200	350
80	**120**	50	80	300	400	600
120	**180**	60	100	500	700	900
180	**250**	70	110	800	1000	1200

Suffix
Nomenclature

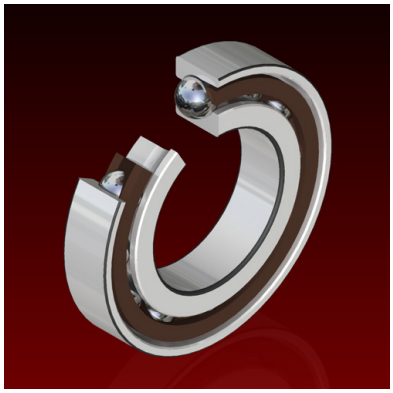
Suffix	Definition
A	Deep groove ball bearing without filling slots / Angular contact ball bearing with 30° contact angle
AC	Single row angular contact ball bearing with 25° contact angle
B	Angular contact ball bearing with 40° contact angle / Taper roller bearing with steep contact angle
C	Spherical roller bearing with a flangeless inner ring, symmetrical rollers, loose guide ring and window type steel cage
C1	Internal clearance smaller than C2
C2	Internal clearance smaller than Normal
C3	Internal clearance greater than Normal
C4	Internal clearance greater than C3
C5	Internal clearance greater than C4
D	Double row angular contact ball bearing with split inner ring
E	Cylindrical roller bearings of high load carrying capacity
J	Sheet metal pressed cage
K	Bearing with tapered bore, taper 1:12
K30	Bearing with tapered bore, taper 1:30
M	Machined brass cage, rolling element riding
MA	Machined brass cage, outer ring riding
MB	Machined brass cage, inner ring riding
N	Bearing with circular groove on O.D.
NR	Bearing with circular groove on O.D. with snap ring
P4	Tolerance Classes
P5	
P6	
RS	Bearing with seal on one side
2RS	Bearing with seal on both sides
SP	Super Precision
S0	Heat treatment
S1	
S2	
S3	

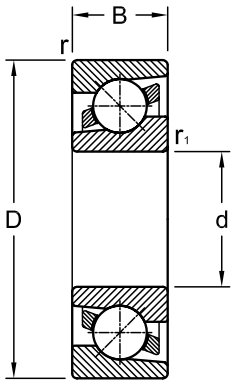
Suffix	Definition
UA	Universally mounted bearings
UB	
UO	
UP	Ultra precision bearings
V	Full complement bearings
W33	Lubrication groove and three holes in outer ring
Y	Pressed brass cage
Z/ZR	Bearing with shield on one side
ZN	Bearing with shield on one side and circular groove on opposite side
ZNR	Bearing with shield on one side and circular groove on opposite side and snap ring
ZZ	Bearing with shields on either side.

Angular Contact Ball Bearings

Single Row
Metric Series

72, 73, 74





Dimensions mm					Load Rating kN		AEC Bearing	B	BG	BMG
d	D	B	r	r_1	Dynamic (C)	Static (C_O)				
15	35	11	0.6	0.3	8.84	4.80	**7202**	•	•	•
	42	13	1	0.6	13.00	6.70	**7302**	•	•	•
17	40	12	0.6	0.6	11.10	6.10	**7203**	•	•	•
	47	14	1	0.6	15.90	8.30	**7303**	•	•	•
20	47	14	1	0.6	14.00	8.30	**7204**	•	•	•
	52	15	1.1	0.6	19.00	10.40	**7304**	•	•	•
	72	19	1.1	0.6	35.60	19.10	**7404**	•	•	•
25	52	15	1	0.6	15.60	10.20	**7205**	•	•	•
	62	17	1.1	0.6	26.00	15.60	**7305**	•	•	•
	80	21	1.5	1	39.70	23.20	**7405**	•	•	•
30	62	16	1	0.6	23.80	15.60	**7206**	•	•	•
	72	19	1.1	0.6	34.50	21.20	**7306**	•	•	•
	90	23	1.5	1	47.60	28.40	**7406**	•	•	•
35	72	17	1.1	0.6	30.70	20.80	**7207**	•	•	•
	80	21	1.5	1	39.00	24.50	**7307**	•	•	•
	100	25	1.5	1	60.40	37.00	**7407**	•	•	•
40	80	18	1.1	0.6	36.40	26.00	**7208**	•	•	•
	90	23	1.5	1	49.40	33.50	**7308**	•	•	•
	110	27	2	1	69.90	43.50	**7408**	•	•	•
45	85	19	1.1	0.6	37.70	28.00	**7209**	•	•	•
	100	25	1.5	1	60.50	41.50	**7309**	•	•	•
	120	29	2	1	84.90	53.80	**7409**	•	•	•
50	90	20	1.1	0.6	39.00	30.50	**7210**	•	•	•
	110	27	2	1	74.10	51.00	**7310**	•	•	•
	130	31	2.1	1.1	97.40	65.30	**7410**	•	•	•
55	100	21	1.5	1	48.80	38.00	**7211**	•	•	•
	120	29	2	1	85.20	60.00	**7311**	•	•	•
	140	33	2.1	1.1	118.00	82.40	**7411**	•	•	•
60	110	22	1.5	1	57.20	45.50	**7212**	•	•	•

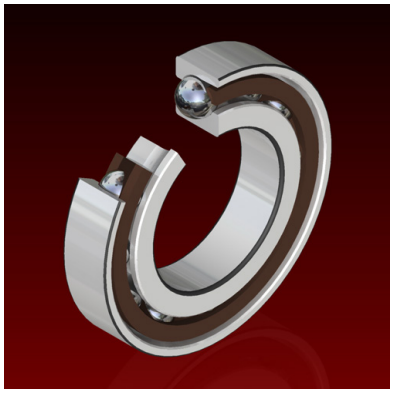
Dimensions mm					Load Rating kN		AEC Bearing	B	BG	BMG
d	D	B	r	r_1	Dynamic (C)	Static (C_O)				
	130	31	2.1	1.1	95.60	69.50	**7312**	●	●	●
	150	35	2.1	1.1	129.00	93.60	**7412**	●	●	●
65	120	23	1.5	1	66.30	54.00	**7213**	●	●	●
	140	33	2.1	1.1	108.00	80.00	**7313**	●	●	●
	160	37	2.1	1.1	139.00	104.00	**7413**	●	●	●
70	125	24	1.5	1	71.50	60.00	**7214**	●	●	●
	150	35	2.1	1.1	119.00	90.00	**7314**	●	●	●
	180	42	3	1.1	149.00	115.00	**7414**	●	●	●
75	130	25	1.5	1	72.80	64.00	**7215**	●	●	●
	160	37	2.1	1.1	133.00	106.00	**7315**	●	●	●
	190	45	3	1.1	171.00	141.00	**7415**	●	●	●
80	140	26	2	1	83.20	73.50	**7216**	●	●	●
	170	39	2.1	1.1	143.00	118.00	**7316**	●	●	●
	200	48	3	1.1	193.00	166.00	**7416**	●	●	●
85	150	28	2	1	95.60	83.00	**7217**	●	●	●
	180	41	3	1.1	153.00	132.00	**7317**	●	●	●
	210	52	4	1.5	204.00	180.00	**7417**	●	●	●
90	160	30	2	1	108.00	96.50	**7218**	●	●	●
	190	43	3	1.1	165.00	146.00	**7318**	●	●	●
	225	54	4	1.5	216.00	196.00	**7418**	●	●	●
95	170	32	2.1	1.1	124.00	108.00	**7219**	●	●	●
	200	45	3	1.1	178.00	163.00	**7319**	●	●	●
100	180	34	2.1	1.1	135.00	122.00	**7220**	●	●	●
	215	47	3	1.1	203.00	190.00	**7320**	●	●	●
105	190	36	2.1	1.1	148.00	137.00	**7221**	●	●	●
	225	49	3	1.1	212.00	208.00	**7321**	●	●	●
110	200	38	2.1	1.1	163.00	153.00	**7222**	●	●	●
	240	50	3	1.1	225.00	224.00	**7322**	●	●	●
120	215	40	2.1	1.1	165.00	163.00	**7224**	●	●	●
	260	55	3	1.1	238.00	250.00	**7324**	●	●	●
130	230	40	3	1.1	186.00	193.00	**7226**	●	●	●
	280	58	4	1.5	251.00	270.00	**7326**	●	●	●
140	250	42	3	1.1	182.00	196.00	**7228**	●	●	●
	300	62	4	1.5	276.00	310.00	**7328**	●	●	●
150	270	45	3	1.1	195.00	224.00	**7230**	●	●	●
	320	65	4	1.5	302.00	365.00	**7330**	●	●	●
160	290	48	3	1.1	199.00	236.00	**7232**	●	●	●
	340	68	4	1.5	365.00	455.00	**7332**	●	●	●
170	310	52	4	1.5	221.00	270.00	**7234**	●	●	●
	360	72	4	1.5	358.00	455.00	**7334**	●	●	●
180	320	52	4	1.5	251.00	320.00	**7236**	●	●	●
	380	75	4	2	371.00	490.00	**7336**	●	●	●
190	340	55	4	1.5	276.00	355.00	**7238**	●	●	●

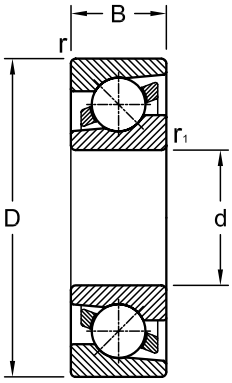
Dimensions mm					Load Rating kN		AEC Bearing	B	BG	BMG
d	D	B	r	r_1	Dynamic (C)	Static (C_O)				
	400	78	5	2	410.00	560.00	**7338**	●	●	●
200	360	58	4	1.5	324.00	423.00	**7240**	●	●	●
	420	80	5	2	474.00	658.00	**7340**	●	●	●
220	400	65	4	1.5	319.00	465.00	**7244**	●	●	●
240	440	72	4	1.5	364.00	540.00	**7248**	●	●	●

Angular Contact Ball Bearings

Single Row
Inch Series

ALS, AMS





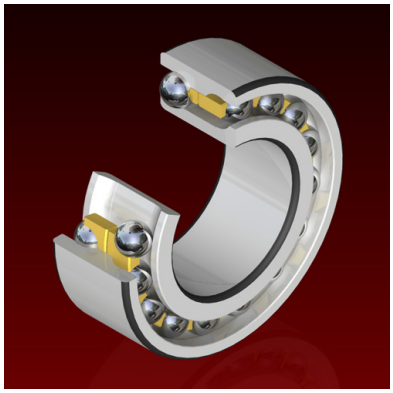
Dimensions inch (mm)				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
0.500	1.313	0.375	0.0315 (0.8)	8.2	3.7	**ALS 4**	
	1.625	0.625	0.0630 (1.6)	12.4	5.9	**AMS 4**	
0.625	1.563	0.438	0.0315 (0.8)	12.2	5.9	**ALS 5**	
	1.813	0.625	0.0630 (1.6)	15.9	8.0	**AMS 5**	
0.750	1.875	0.563	0.0630 (1.6)	15.9	8.0	**ALS 6**	
	2.000	0.688	0.0630 (1.6)	18.9	9.4	**AMS 6**	
0.875	2.000	0.563	0.0630 (1.6)	16.9	8.7	**ALS 7**	
	2.250	0.688	0.0630 (1.6)	22.1	11.5	**AMS 7**	
1.000	2.250	0.625	0.0630 (1.6)	25.3	13.5	**ALS 8**	
	2.500	0.750	0.0945 (2.4)	27.0	14.7	**AMS 8**	
1.125	2.500	0.625	0.0630 (1.6)	25.3	13.6	**ALS 9**	
	2.813	0.813	0.0945 (2.4)	36.8	20.5	**AMS 9**	
1.250	2.750	0.688	0.0630 (1.6)	27.2	14.7	**ALS 10**	
	3.125	0.875	0.0945 (2.4)	43.7	25.2	**AMS 10**	
1.375	3.000	0.688	0.0630 (1.6)	37.0	21.3	**ALS 11**	•
	3.500	0.875	0.0945 (2.4)	50.5	28.9	**AMS 11**	
1.500	3.250	0.750	0.0945 (2.4)	41.6	24.2	**ALS 12**	
	3.750	0.938	0.0945 (2.4)	55.0	32.0	**AMS 12**	
1.625	3.500	0.750	0.0945 (2.4)	43.7	26.0	**ALS 13**	
	4.000	0.938	0.0945 (2.4)	65.5	38.7	**AMS 13**	
1.750	3.750	0.813	0.0945 (2.4)	51.5	30.6	**ALS 14**	
	4.250	1.063	0.0945 (2.4)	71.0	42.3	**AMS 14**	
1.875	4.000	0.813	0.0945 (2.4)	56.5	35.3	**ALS 15**	
	4.500	1.063	0.0945 (2.4)	82.5	50.0	**AMS 15**	
2.000	4.000	0.813	0.0945 (2.4)	56.5	35.5	**ALS 16**	
	4.500	1.063	0.0945 (2.4)	82.5	50.0	**AMS 16**	
2.250	4.500	0.875	0.0945 (2.4)	65.5	40.7	**ALS 18**	
	5.000	1.250	0.1260 (3.2)	101.0	62.5	**AMS 18**	
2.500	5.000	0.938	0.0945 (2.4)	81.0	53.0	**ALS 20**	
	5.500	1.250	0.1260 (3.2)	114.0	74.0	**AMS 20**	
2.750	5.250	0.938	0.0945 (2.4)	84.5	56.5	**ALS 22**	•
	6.250	1.375	0.1260 (3.2)	145.0	96.5	**AMS 22**	•

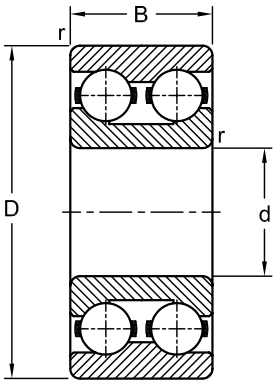
Dimensions inch (mm)				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
3.000	5.750	1.063	0.0945 (2.4)	94.5	65.5	**ALS 24**	●
	7.000	1.563	0.1575 (4.0)	171.0	122.0	**AMS 24**	●
3.250	6.000	1.063	0.0945 (2.4)	106.0	72.5	**ALS 26**	●
	7.500	1.563	0.1575 (4.0)	180.0	132.0	**AMS 26**	●
3.375	7.500	1.563	0.1575 (4.0)	180.0	132.0	**AMS 27**	●
3.500	6.500	1.125	0.1260 (3.2)	114.0	81.5	**ALS 28**	●
	8.125	1.750	0.1575 (4.0)	198.0	151.0	**AMS 28**	●
3.750	6.750	1.125	0.1260 (3.2)	122.0	88.5	**ALS 30**	●
	8.250	1.750	0.1575 (4.0)	208.0	163.0	**AMS 30**	●
4.000	7.250	1.250	0.1260 (3.2)	140.0	103.0	**ALS 32**	●
	8.500	1.750	0.1575 (4.0)	218.0	174.0	**AMS 32**	●
4.250	7.500	1.250	0.1260 (3.2)	149.0	110.0	**ALS 34**	●
	8.750	1.750	0.1575 (4.0)	218.0	174.0	**AMS 34**	●
4.500	8.000	1.313	0.1260 (3.2)	163.0	124.0	**ALS 36**	●
	9.375	2.000	0.1575 (4.0)	233.0	192.0	**AMS 36**	●
4.750	8.250	1.313	0.1260 (3.2)	168.0	131.0	**ALS 38**	●
	10.000	2.000	0.1890 (4.8)	271.0	236.0	**AMS 38**	●
5.000	9.000	1.375	0.1260 (3.2)	188.0	149.0	**ALS 40**	●
	10.000	2.000	0.1890 (4.8)	271.0	236.0	**AMS 40**	●
5.500	9.500	1.375	0.1260 (3.2)	205.0	168.0	**ALS 44**	●
	11.000	2.000	0.1890 (4.8)	298.0	272.0	**AMS 44**	●
6.000	10.500	1.563	0.1575 (4.0)	228.0	198.0	**ALS 48**	●
	12.000	2.250	0.1890 (4.8)	332.0	318.0	**AMS 48**	●
6.500	11.000	1.563	0.1575 (4.0)	233.0	207.0	**ALS 52**	●
	13.000	2.500	0.1890 (4.8)	367.0	366.0	**AMS 52**	●
7.000	12.000	1.750	0.1575 (4.0)	262.0	244.0	**ALS 56**	●
	13.500	2.500	0.1890 (4.8)	384.0	392.0	**AMS 56**	●
7.500	12.500	1.750	0.1575 (4.0)	277.0	267.0	**ALS 60**	●
	14.500	2.750	0.1890 (4.8)	420.0	446.0	**AMS 60**	●
8.000	13.000	1.750	0.1575 (4.0)	282.0	279.0	**ALS 64**	●
	15.000	2.750	0.1890 (4.8)	435.0	475.0	**AMS 64**	●
8.500	14.000	2.000	0.1890 (4.8)	323.0	338.0	**ALS 68**	●
	16.000	3.000	0.1890 (4.8)	476.0	538.0	**AMS 68**	●
9.000	14.500	2.000	0.1890 (4.8)	338.0	352.0	**ALS 72**	●
	17.000	3.000	0.1890 (4.8)	567.0	672.0	**AMS 72**	●
9.500	15.125	2.000	0.1890 (4.8)	342.0	369.0	**ALS 76**	●
10.000	15.750	2.000	0.1890 (4.8)	376.0	418.0	**ALS 80**	●
	18.500	3.250	0.1890 (4.8)	552.0	672.0	**AMS 80**	●
10.500	16.625	2.250	0.1890 (4.8)	372.0	419.0	**ALS 84**	●
	19.500	3.500	0.250 (6.35)	573.0	743.0	**AMS 84**	●
11.000	17.500	2.250	0.1890 (4.8)	403.0	473.0	**ALS 88**	●
	20.000	3.500	0.250 (6.35)	594.0	743.0	**AMS 88**	●
11.500	18.000	2.375	0.1890 (4.8)	400.0	473.0	**ALS 92**	●
12.000	18.500	2.625	0.1890 (4.8)	460.0	563.0	**ALS 96**	●
	21.500	3.750	0.250 (6.35)	679.0	899.0	**AMS 96**	●
13.000	20.000	2.750	0.1890 (4.8)	498.0	627.0	**ALS 104**	●
14.000	21.500	2.875	0.1890 (4.8)	525.0	700.0	**ALS 112**	●
15.000	22.500	3.000	0.1890 (4.8)	586.0	805.0	**ALS 120**	●

Angular Contact Ball Bearings

Double Row
Metric Series

32, 33





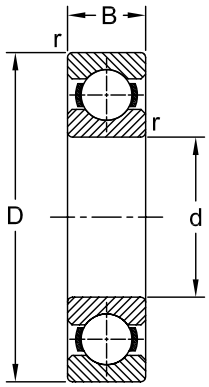
Dimensions mm				Load Rating kN		AEC Bearing	ZZ	2RS	M	Polyamide Cage
d	D	B	r	Dynamic (C)	Static (C_O)					
15	35	15.9	0.6	11.2	6.8	**3202**	•	•		
	42	19.0	1.0	15.1	9.2	**3302**	•	•		
17	40	17.5	0.6	14.0	8.7	**3203**	•	•		
	47	22.2	1.0	21.2	12.5	**3303**	•	•		
20	47	20.6	1.0	18.6	12.0	**3204**	•	•		
	52	22.2	1.1	22.1	14.3	**3304**	•	•		•
25	52	20.6	1.0	20.3	14.0	**3205**	•	•		•
	62	25.4	1.1	31.2	20.8	**3305**	•	•		
30	62	23.8	1.0	28.1	20.0	**3206**	•	•		
	72	30.2	1.1	45.7	42.5	**3306**	•	•		
35	72	27.0	1.1	37.1	27.5	**3207**	•	•		
	80	34.9	1.5	53.9	51.0	**3307**	•	•		
40	80	30.2	1.1	44.9	33.5	**3208**	•	•		
	90	36.5	1.5	66.0	64.0	**3308**	•	•		
45	85	30.2	1.1	47.5	38.0	**3209**	•	•		
	100	39.7	1.5	72.1	73.5	**3309**			•	
50	90	30.2	1.1	47.5	39.0	**3210**	•	•		
	110	44.4	2.0	88.0	96.5	**3310**				
55	100	33.3	1.5	57.2	67.0	**3211**				
	120	49.2	2.0	95.2	108.0	**3311**				
60	110	36.5	1.5	72.1	85.0	**3212**				
	130	54.0	2.1	112.0	127.0	**3312**				
65	120	38.1	1.5	78.1	95.0	**3213**				
	140	58.7	2.1	128.0	150.0	**3313**				
70	125	39.7	1.5	76.5	98.0	**3214**	•	•		•
	150	63.5	2.1	147.0	173.0	**3314**				
75	130	41.3	1.5	84.2	110.0	**3215**				
	160	68.3	2.1	157.0	186.0	**3315**			•	

Dimensions mm				Load Rating kN		AEC Bearing	ZZ	2RS	M	Polyamide Cage
d	D	B	r	Dynamic (C)	Static (C_O)					
80	140	44.5	2.0	101.0	134.0	**3216**	●	●		●
	170	68.3	2.1	176.0	212.0	**3316**			●	
85	150	49.2	2.0	110.0	146.0	**3217**	●	●		●
	180	73.0	3.0	194.0	240.0	**3317**			●	
90	160	52.4	2.0	128.0	173.0	**3218**	●	●		●
	190	73.0	3.0	220.0	285.0	**3318**			●	
95	170	55.6	2.1	147.0	204.0	**3219**				
	200	77.8	3.0	238.0	315.0	**3319**			●	
100	180	60.3	2.1	157.0	220.0	**3220**				
	215	82.6	3.0	255.0	355.0	**3320**			●	
105	225	87.3	3.0	29.8	387.7	**3321**			●	
110	200	69.8	2.1	190.0	270.0	**3222**			●	
	240	92.1	3.0	292.0	425.0	**3322**			●	
120	215	76.0	2.1	250.0	279.0	**3224**			●	

Ball Bearings

Single Row
Metric Series

60, 62, 63, 64, 160, 618, 619



Dimensions mm				Load Rating kN		AEC Bearing	Z	ZZ	RS	2RS	N	ZN	ZZN	M	K
d	D	B	r	Dynamic (C)	Static (C_O)										
10	30	9	0.6	5.07	2.36	**6200**	•	•	•	•	•	•	•		
	35	11	0.6	8.06	3.40	**6300**	•	•	•	•					
12	32	10	0.6	6.89	3.10	**6201**	•	•	•	•	•	•	•		
	37	12	1.0	9.75	4.15	**6301**	•	•	•	•					
15	32	9	0.3	5.59	2.85	**6002**	•	•	•	•					
	35	11	0.6	7.80	3.75	**6202**	•	•	•	•	•	•	•		
	42	13	1.0	11.40	5.40	**6302**	•	•	•	•					
17	35	8	0.3	6.05	3.25	**16003**	•	•							
	35	10	0.3	6.05	3.25	**6003**	•	•	•	•					
	40	12	0.6	9.56	4.75	**6203**	•	•	•	•	•	•	•		
	47	14	1.0	13.50	6.55	**6303**	•	•	•	•	•	•	•		
	62	17	1.1	22.90	10.80	**6403**	•	•							
20	37	9	0.3	6.37	3.65	**61904**			•	•					
	42	12	0.6	9.36	5.00	**6004**	•	•	•	•	•				
	47	14	1.0	12.70	6.55	**6204**	•	•	•	•	•	•	•		
	52	15	1.1	15.90	7.80	**6304**	•	•	•	•	•	•	•		
	72	19	1.1	30.70	15.00	**6404**	•	•							
25	42	9	0.3	6.63	4.00	**61905**			•	•					
	47	8	0.3	7.61	4.75	**16005**									
	47	12	0.6	11.20	6.55	**6005**	•	•	•	•	•				
	52	15	1.0	14.00	7.80	**6205**	•	•	•	•	•	•	•		
	60	17	1.1	22.50	11.60	**6305**	•	•	•	•	•	•	•		
	80	21	1.5	35.80	19.30	**6405**	•	•							
30	47	9	0.3	7.28	4.55	**61906**			•	•					
	55	9	0.3	11.20	7.35	**16006**									
	55	13	1.0	13.30	8.30	**6006**	•	•	•	•	•				
	62	16	1.0	19.50	11.20	**6206**	•	•	•	•	•	•	•		
	72	19	1.1	28.10	16.00	**6306**	•	•	•	•	•	•	•		
	90	23	1.5	43.60	23.60	**6406**	•	•							

Dimensions mm				Load Rating kN		AEC Bearing	Z	ZZ	RS	2RS	N	ZN	ZZN	M	K
d	D	B	r	Dynamic (C)	Static (C_O)										
35	55	10	0.6	9.56	6.20	**61907**			•	•				•	
	62	9	0.3	12.40	8.15	**16007**									
	62	14	1.0	15.90	10.20	**6007**	•	•	•	•	•				
	72	17	1.1	25.50	15.30	**6207**	•	•	•	•	•	•	•	•	
	80	21	1.5	33.20	19.00	**6307**	•	•	•	•	•	•	•		
	100	25	1.5	55.30	31.00	**6407**	•	•			•				
40	62	12	0.6	13.80	9.30	**61908**			•	•					
	68	9	0.3	13.30	9.15	**16008**									
	68	15	1.0	16.80	11.60	**6008**	•	•	•	•	•				
	80	18	1.1	30.70	19.00	**6208**	•	•	•	•	•	•	•		
	90	23	1.5	41.00	24.00	**6308**	•	•	•	•	•	•	•		
	110	27	2.0	63.70	36.50	**6408**	•	•			•				
45	68	12	0.6	10.10	6.70	**61909**			•	•					
	75	10	0.6	15.60	10.80	**16009**									
	75	16	1.0	20.80	14.60	**6009**	•	•	•	•	•				
	85	19	1.1	33.20	21.60	**6209**	•	•	•	•	•	•	•		•
	100	25	1.5	52.70	31.50	**6309**	•	•	•	•	•	•	•	•	
	120	29	2.0	76.10	45.00	**6409**	•	•			•	•	•		
50	65	7	0.3	6.24	4.75	**61810**			•	•					
	72	12	0.6	14.60	10.40	**61910**	•	•	•	•					
	80	10	0.6	16.30	11.40	**16010**									
	80	16	1.0	21.60	16.00	**6010**	•	•	•	•	•	•	•		
	90	20	1.1	35.10	23.20	**6210**	•	•	•	•	•	•	•		
	110	27	2.0	61.80	38.00	**6310**	•	•	•	•	•	•	•		
	130	31	2.1	87.10	52.00	**6410**	•	•			•				
55	72	9	0.3	8.32	6.20	**61811**			•	•					
	80	13	1.0	15.90	11.40	**61911**	•	•	•	•					
	90	11	0.6	19.50	14.00	**16011**									
	90	18	1.1	28.10	21.20	**6011**	•	•	•	•	•	•	•	•	
	100	21	1.5	43.60	29.00	**6211**	•	•	•	•	•	•	•		•
	120	29	2.0	71.50	45.00	**6311**	•	•	•	•	•	•	•		
	140	33	2.1	99.50	62.00	**6411**	•	•			•	•	•		
60	78	10	0.3	8.71	6.70	**61812**			•	•					
	85	13	1.0	16.50	12.00	**61912**	•	•	•	•					
	95	11	0.6	19.90	15.00	**16012**									
	95	18	1.1	29.60	23.20	**6012**	•	•	•	•	•			•	
	110	22	1.5	47.50	32.50	**6212**	•	•	•	•	•	•	•		
	130	31	2.1	81.90	52.00	**6312**	•	•	•	•	•	•	•		
	150	35	2.1	108.00	69.50	**6412**	•	•			•				
65	85	10	0.6	11.70	9.15	**61813**			•	•					
	90	13	1.0	17.40	13.40	**61913**	•	•	•	•					
	100	11	0.6	21.20	16.60	**16013**									
	100	18	1.1	30.70	25.00	**6013**	•	•	•	•	•			•	
	120	23	1.5	55.90	40.50	**6213**	•	•	•	•	•	•	•		
	140	33	2.1	92.30	60.00	**6313**	•	•	•	•	•	•	•		
	160	37	2.1	119.00	78.00	**6413**	•	•			•			•	

Dimensions mm				Load Rating kN		AEC Bearing	Z	ZZ	RS	2RS	N	ZN	ZZN	M	K
d	D	B	r	Dynamic (C)	Static (C_O)										
70	90	10	0.6	12.10	10.00	**61814**			●	●					
	100	16	1.0	23.80	18.30	**61914**	●	●	●	●					
	110	13	0.6	28.10	25.00	**16014**									
	110	20	1.1	37.70	31.00	**6014**	●	●	●	●	●				
	125	24	1.5	60.50	45.00	**6214**	●	●	●	●	●	●	●		
	150	35	2.1	104.00	68.00	**6314**	●	●	●	●	●	●	●	●	
	180	42	3.0	143.00	110.40	**6414**	●	●						●	
75	95	10	0.6	12.50	10.80	**61815**			●	●					
	105	16	1.0	24.20	19.30	**61915**	●	●	●	●					
	115	13	0.6	28.60	27.00	**16015**									
	115	20	1.1	39.70	33.50	**6015**	●	●	●	●	●			●	
	130	25	1.5	66.30	49.00	**6215**	●	●	●	●	●				
	160	37	2.1	114.00	76.50	**6315**	●	●	●	●	●				
	190	45	3.0	153.00	114.00	**6415**	●	●							
80	100	10	0.6	12.40	10.80	**61816**			●	●					
	110	16	1.0	25.10	20.40	**61916**	●	●	●	●					
	125	14	0.6	33.20	31.50	**16016**									
	125	22	1.1	40.00	40.00	**6016**	●	●	●	●	●				
	140	26	2.0	70.20	55.00	**6216**	●	●	●	●	●				
	170	39	2.1	124.00	86.50	**6316**	●	●	●	●					
	200	48	3.0	16.30	125.00	**6416**	●	●							
85	110	13	1.0	19.50	16.60	**61817**			●	●					
	130	14	0.6	33.80	33.50	**16017**									
	130	22	1.1	49.40	43.00	**6017**	●	●	●	●	●				
	150	28	2.0	83.20	64.00	**6217**	●	●	●	●	●				
	180	41	3.0	133.00	96.50	**6317**	●	●	●	●					
	210	52	4.0	174.00	137.00	**6417**	●	●							
90	115	13	1.0	19.50	17.00	**61818**			●	●				●	
	125	18	1.1	33.20	31.50	**61918**			●	●				●	
	140	16	1.0	41.60	39.00	**16018**									
	140	24	1.5	58.50	50.00	**6018**	●	●	●	●	●			●	
	160	30	2.0	95.60	73.50	**6218**	●	●	●	●	●				
	190	43	3.0	143.00	108.00	**6318**	●	●	●	●					
	225	54	4.0	186.00	150.00	**6418**	●	●							
95	120	13	1.0	19.90	17.60	**61819**			●	●					
	130	18	1.1	33.80	33.50	**61919**									
	145	16	1.0	42.30	41.50	**16019**									
	145	24	1.5	60.50	54.00	**6019**	●	●	●	●					
	170	32	2.1	108.00	81.50	**6219**	●	●	●	●	●				
	200	45	3.0	153.00	118.00	**6319**	●	●							
100	125	13	1.0	19.90	18.30	**61820**			●	●					
	140	20	1.1	42.30	41.50	**61920**									
	150	16	1.0	44.20	44.00	**16020**									
	150	24	1.5	60.50	54.00	**6020**	●	●	●	●	●				
	180	34	2.1	124.00	93.00	**6220**	●	●	●	●	●				
	215	47	3.0	174.00	140.00	**6320**	●	●							

Dimensions mm				Load Rating kN		AEC Bearing	Z	ZZ	RS	2RS	N	ZN	ZZN	M	K
d	D	B	r	Dynamic (C)	Static (C_O)										
105	130	13	1.0	20.80	19.60	**61821**			•	•					
	145	20	1.1	44.20	44.00	**61921**									
	160	18	1.0	52.00	51.00	**16021**									
	160	26	2.0	72.80	65.50	**6021**	•	•	•	•	•				
	190	36	2.1	133.00	104.00	**6221**	•	•	•	•					
	225	49	3.0	182.00	153.00	**6321**	•	•							
110	140	16	1.0	28.10	26.00	**61822**			•	•					
	150	20	1.1	43.60	45.00	**61922**									
	170	19	1.0	57.20	57.00	**16022**									
	170	28	2.0	81.90	73.50	**6022**	•	•	•	•	•				
	200	38	2.1	143.00	118.00	**6222**	•	•	•	•					
	240	50	3.0	203.00	180.00	**6322**	•	•							
120	150	16	1.0	29.10	28.00	**61824**			•	•					
	165	22	1.1	55.30	57.00	**61924**									
	180	19	1.0	60.50	64.00	**16024**									
	180	28	2.0	85.20	80.00	**6024**	•	•	•	•	•				
	215	40	2.1	146.00	118.00	**6224**	•	•	•	•					
	260	55	3.0	208.00	186.00	**6324**									
130	165	18	1.1	37.70	43.00	**61826**			•	•					
	180	24	1.5	65.00	67.00	**61926**									
	200	22	1.1	79.30	81.50	**16026**									
	200	33	2.0	106.00	100.00	**6026**	•	•	•	•					
	230	40	3.0	156.00	132.00	**6226**	•	•						•	
	280	58	4.0	229.00	216.00	**6326**									
140	175	18	1.1	39.00	46.50	**61828**			•	•					
	190	24	1.5	66.30	72.00	**61928**									
	210	22	1.1	80.60	86.50	**16028**									
	210	33	2.0	111.00	108.00	**6028**	•	•	•	•				•	
	250	42	3.0	165.00	150.00	**6228**									
	300	62	4.0	251.00	245.00	**6328**									
150	190	20	1.1	48.80	61.00	**61830**								•	
	210	28	2.0	88.40	93.00	**61930**									
	225	24	1.1	92.30	98.00	**16030**									
	225	35	2.1	125.00	125.00	**6030**	•	•	•	•					
	270	45	3.0	174.00	166.00	**6230**									
	320	65	4.0	276.00	285.00	**6330**									
160	200	20	1.1	49.40	64.00	**61832**								•	
	220	28	2.0	92.30	98.00	**61932**									
	240	25	1.5	99.50	108.00	**16032**									
	240	38	2.1	143.00	143.00	**6032**	•	•	•	•				•	
	290	48	3.0	186.00	186.00	**6232**								•	
	340	68	4.0	276.00	285.00	**6332**									
170	215	22	1.1	61.80	78.00	**61834**								•	
	230	28	2.0	93.60	106.00	**61934**									
	260	28	1.5	119.00	129.00	**16034**									
	260	42	2.1	168.00	173.00	**6034**								•	

Dimensions mm				Load Rating kN		AEC Bearing	Z	ZZ	RS	2RS	N	ZN	ZZN	M	K
d	D	B	r	Dynamic (C)	Static (C_O)										
	310	52	4.0	212.00	224.00	**6234**								•	
	360	72	4.0	312.00	340.00	**6334**									
180	225	22	1.1	62.40	81.50	**61836**								•	
	250	33	2.0	119.00	134.00	**61936**								•	
	280	31	2.0	138.00	146.00	**16036**									
	280	46	2.1	190.00	200.00	**6036**								•	
	320	52	4.0	229.00	240.00	**6236**								•	
	380	75	4.0	351.00	405.00	**6336**									
190	240	24	1.5	76.10	98.00	**61838**								•	
	260	33	2.0	117.00	134.00	**61938**								•	
	290	31	2.0	148.00	166.00	**16038**									
	290	46	2.1	195.00	216.00	**6038**								•	
	340	55	4.0	255.00	280.00	**6238**								•	
	400	78	5.0	371.00	430.00	**6338**									
200	250	24	1.5	76.10	102.00	**61840**								•	
	280	38	2.1	148.00	166.00	**61940**								•	
	310	34	2.0	168.00	190.00	**16040**									
	310	51	2.1	216.00	245.00	**6040**								•	
	360	58	4.0	270.00	310.00	**6240**								•	
	420	80	5.0	377.00	465.00	**6340**									
220	270	24	1.5	78.00	110.00	**61844**								•	
	300	38	2.1	151.00	180.00	**61944**								•	
	340	37	2.1	174.00	204.00	**16044**									
	340	56	3.0	247.00	290.00	**6044**								•	
	400	65	4.0	296.00	365.00	**6244**								•	
	460	88	4.0	410.00	520.00	**6344**									
240	300	28	2.0	108.00	150.00	**61848**								•	
	320	38	2.1	159.00	200.00	**61948**								•	
	360	37	2.1	178.00	220.00	**16048**								•	
	360	56	3.0	255.00	315.00	**6048**								•	
	440	72	4.0	358.00	475.00	**6248**								•	
260	320	28	2.0	111.00	163.00	**61852**								•	
	360	46	2.1	212.00	270.00	**61952**								•	
	400	44	3.0	238.00	310.00	**16052**								•	
	400	65	4.0	291.00	375.00	**6052**								•	
	480	80	5.0	390.00	530.00	**6252**								•	
280	350	33	2.0	138.00	200.00	**61856**								•	
	380	46	2.1	216.00	285.00	**61956**								•	
	420	44	3.0	242.00	335.00	**16056**								•	
	420	65	4.0	302.00	405.00	**6056**								•	
	500	80	5.0	423.00	600.00	**6256**								•	
300	380	38	2.1	172.00	245.00	**61860**								•	
	420	56	3.0	270.00	375.00	**61960**								•	
	460	50	4.0	286.00	405.00	**16060**								•	
	460	74	4.0	358.00	500.00	**6060**								•	

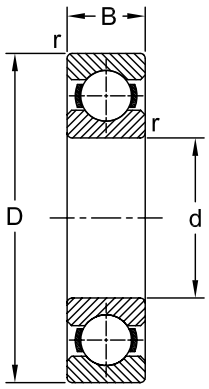
Dimensions mm				Load Rating kN		AEC Bearing	Z	ZZ	RS	2RS	N	ZN	ZZN	M	K
d	D	B	r	Dynamic (C)	Static (C_O)										
320	400	38	2.1	172.00	255.00	**61864**								•	
	440	56	3.0	276.00	400.00	**61964**								•	
	480	50	4.0	281.00	405.00	**16064**								•	
	480	74	4.0	371.00	540.00	**6064**								•	
340	420	38	2.1	178.00	275.00	**61868**								•	
	460	56	3.0	281.00	425.00	**61968**								•	
	520	57	4.0	345.00	520.00	**16068**								•	
	520	82	5.0	423.00	640.00	**6068**								•	
360	440	38	2.1	182.00	285.00	**61872**								•	
	480	56	3.0	291.00	450.00	**61972**								•	
	540	57	4.0	351.00	550.00	**16072**								•	
	540	82	5.0	462.00	735.00	**6072**								•	
380	480	46	2.1	242.00	390.00	**61876**								•	
	520	65	4.0	338.00	540.00	**61976**								•	
	560	57	4.0	377.00	620.00	**16076**								•	
	560	82	5.0	462.00	750.00	**6076**								•	
400	500	46	2.1	247.00	405.00	**61880**								•	
	540	65	4.0	345.00	570.00	**61980**								•	
	600	90	5.0	520.00	865.00	**6080**								•	
420	520	46	2.1	251.00	425.00	**61884**								•	
	560	65	4.0	351.00	600.00	**61984**								•	
	620	90	5.0	507.00	880.00	**6084**								•	
440	540	46	2.1	255.00	440.00	**61888**								•	
	600	74	4.0	410.00	720.00	**61988**								•	
	650	94	6.0	553.00	965.00	**6088**								•	
460	580	56	3.0	319.00	570.00	**61892**								•	
	620	74	4.0	423.00	750.00	**61992**								•	
	680	100	6.0	582.00	1060.00	**6092**								•	
480	600	56	3.0	325.00	600.00	**61896**								•	
	650	78	5.0	449.00	815.00	**61996**								•	
	700	100	6.0	618.0	1140.0	**6096**								•	
500	620	56	3.0	332.00	620.00	**618/500**								•	
	670	78	5.0	462.00	865.00	**619/500**								•	
	720	100	6.0	605.00	1140.00	**60/500**								•	
530	650	56	3.0	332.00	655.00	**618/530**								•	
	710	82	5.0	488.00	930.00	**619/530**								•	
	780	112	6.0	650.00	1270.00	**60/530**								•	
560	680	56	3.0	345.00	695.00	**618/560**								•	
	750	85	5.0	494.00	980.00	**619/560**								•	
	820	115	6.0	663.00	1470.00	**60/560**								•	
600	730	60	3.0	364.00	765.00	**618/600**								•	
	800	90	5.0	585.00	1220.00	**619/600**								•	
630	780	69	4.0	442.00	965.00	**618/630**								•	
	850	100	6.0	624.00	1340.00	**619/630**								•	

Dimensions mm				Load Rating kN		AEC Bearing	Z	ZZ	RS	2RS	N	ZN	ZZN	M	K
d	D	B	r	Dynamic (C)	Static (C_O)										
	920	128	7.5	819.00	1760.00	**60/630**								●	
670	820	69	4.0	442.00	1000.00	**618/670**								●	
	900	103	6.0	676.00	1500.00	**619/670**								●	
	980	136	7.5	904.00	2040.00	**60/670**								●	

Ball Bearings

Single Row
Inch Series

RLS, RMS, XLJ



Dimensions inch (mm)				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
0.500	1.3125	0.3750	0.0315 (0.8)	7.0	3.0	**RLS 4**	
	1.6250	0.6250	0.0630 (1.6)	12.1	5.6	**RMS 4**	
0.625	1.5625	0.4375	0.0315 (0.8)	10.9	5.0	**RLS 5**	
	1.8125	0.6250	0.0630 (1.6)	12.6	5.6	**RMS 5**	
0.750	1.8750	0.5625	0.0630 (1.6)	14.2	6.6	**RLS 6**	
	2.0000	0.6875	0.0630 (1.6)	16.5	7.8	**RMS 6**	
0.875	2.0000	0.5625	0.0630 (1.6)	14.4	6.6	**RLS 7**	
	2.2500	0.6875	0.0630 (1.6)	19.2	9.2	**RMS 7**	
1.000	2.2500	0.6250	0.0630 (1.6)	18.6	8.9	**RLS 8**	
	2.5000	0.7500	0.0945 (2.4)	22.1	10.6	**RMS 8**	
1.125	2.5000	0.6250	0.0630 (1.6)	20.2	10.0	**RLS 9**	
	2.8125	0.8125	0.0945 (2.4)	30.8	15.8	**RMS 9**	
1.250	2.7500	0.6875	0.0630 (1.6)	27.7	13.9	**RLS 10**	
	3.1250	0.8750	0.0945 (2.4)	37.7	19.5	**RMS 10**	
1.375	2.5625	0.5625	0.0630 (1.6)	16.6	8.5	**XLJ 1.3/8**	
	3.0000	0.6875	0.0630 (1.6)	30.2	15.7	**RLS 11**	
	3.5000	0.8750	0.0945 (2.4)	45.3	23.9	**RMS 11**	
1.500	2.6875	0.5625	0.0630 (1.6)	14.3	7.5	**XLJ 1.1/2**	
	3.2500	0.7500	0.0945 (2.4)	34.8	17.8	**RLS 12**	
	3.7500	0.9375	0.0945 (2.4)	49.5	26.2	**RMS 12**	
1.625	2.8750	0.5625	0.0630 (1.6)	14.9	8.2	**XLJ 1.5/8**	
	3.5000	0.7500	0.0945 (2.4)	38.7	20.0	**RLS 13**	
	4.0000	0.9375	0.0945 (2.4)	55.0	29.9	**RMS 13**	
1.750	3.0000	0.5625	0.0630 (1.6)	21.8	12.2	**XLJ 1.3/4**	
	3.7500	0.8125	0.0945 (2.4)	42.7	22.3	**RLS 14**	
	4.2500	1.0625	0.0945 (2.4)	59.5	32.7	**RMS 14**	
1.875	3.1875	0.6250	0.0630 (1.6)	22.7	13.1	**XLJ 1.7/8**	
	4.0000	0.8125	0.0945 (2.4)	50.5	27.8	**RLS 15**	
	4.5000	1.0625	0.0945 (2.4)	69.0	38.7	**RMS 15**	
2.000	3.3125	0.6250	0.0630 (1.6)	22.7	13.1	**XLJ 2**	
	4.0000	0.8125	0.0945 (2.4)	50.5	27.8	**RLS 16**	
	4.5000	1.0625	0.0945 (2.4)	69.0	38.7	**RMS 16**	

Dimensions inch (mm)				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
2.250	3.5625	0.6250	0.0630 (1.6)	29.4	17.0	**XLJ 2.1/4**	
	4.5000	0.8750	0.0945 (2.4)	60.0	32.7	**RLS 18**	
	5.0000	1.2500	0.1260 (3.2)	85.0	48.5	**RMS 18**	
2.375	3.7500	0.6875	0.0630 (1.6)	29.6	18.5	**XLJ 2.3/8**	
2.500	3.8750	0.6875	0.0630 (1.6)	31.8	19.6	**XLJ 2.1/2**	
	5.0000	0.9375	0.0945 (2.4)	65.5	36.8	**RLS 20**	
	5.5000	1.2500	0.1260 (3.2)	96.5	55.5	**RMS 20**	
2.750	4.1250	0.6875	0.0630 (1.6)	24.5	15.9	**XLJ 2.3/4**	
	5.2500	0.9375	0.0945 (2.4)	70.0	40.9	**RLS 22**	
	6.2500	1.3750	0.1260 (3.2)	118.0	71.5	**RMS 22**	
3.000	4.5000	0.7500	0.0945 (2.4)	41.1	26.1	**XLJ 3**	•
	5.7500	1.0625	0.0945 (2.4)	81.5	48.3	**RLS 24**	•
	7.0000	1.5625	0.1575 (4.0)	138.0	89.5	**RMS 24**	
3.250	4.7500	0.7500	0.0945 (2.4)	30.5	21.2	**XLJ 3.1/4**	
	6.0000	1.0625	0.0945 (2.4)	87.5	52.5	**RLS 26**	•
	7.5000	1.5625	0.1575 (4.0)	139.0	89.5	**RMS 26**	•
3.375	7.5000	1.5625	0.1575 (4.0)	139.0	89.5	**RMS 27**	•
3.500	5.0000	0.7500	0.0945 (2.4)	34.1	23.5	**XLJ 3.1/2**	•
	6.5000	1.1250	0.1260 (3.2)	100.0	60.5	**RLS 28**	
	8.1250	1.7500	0.1575 (4.0)	169.0	120.0	**RMS 28**	
3.750	5.2500	0.7500	0.0945 (2.4)	40.6	28.8	**XLJ 3.3/4**	•
	6.7500	1.1250	0.1260 (3.2)	106.0	66.5	**RLS 30**	
	8.2500	1.7500	0.1575 (4.0)	169.0	120.0	**RMS 30**	
4.000	5.6250	0.8750	0.0945 (2.4)	41.4	30.3	**XLJ 4**	•
	7.2500	1.2500	0.1260 (3.2)	120.0	74.5	**RLS 32**	
	8.5000	1.7500	0.1575 (4.0)	170.0	120.0	**RMS 32**	
4.250	6.0000	0.8750	0.0945 (2.4)	48.4	36.5	**XLJ 4.1/4**	•
	7.5000	1.2500	0.1260 (3.2)	127.0	81.5	**RLS 34**	
	8.7500	1.7500	0.1890 (4.8)	171.0	120.0	**RMS 34**	
4.500	6.2500	0.8750	0.0945 (2.4)	55.5	40.2	**XLJ 4.1/2**	
	8.0000	1.3125	0.1260 (3.2)	147.0	98.5	**RLS 36**	•
	9.3750	2.0000	0.1890 (4.8)	203.0	155.0	**RMS 36**	
4.750	6.5000	0.8750	0.0945 (2.4)	57.0	42.4	**XLJ 4.3/4**	
	8.2500	1.3125	0.1260 (3.2)	134.0	87.0	**RLS 38**	
	10.0000	2.0000	0.1890 (4.8)	209.0	160.0	**RMS 38**	
4.875	7.0000	1.0000	0.0945 (2.4)	60.0	45.5	**XLJ 4.7/8**	
5.000	7.0000	1.0000	0.0945 (2.4)	68.0	50.0	**XLJ 5**	
	9.0000	1.3750	0.1260 (3.2)	154.0	107.0	**RLS 40**	
	10.0000	2.0000	0.1890 (4.8)	209.0	160.0	**RMS 40**	
5.250	7.2500	1.0000	0.0945 (2.4)	51.0	39.6	**XLJ 5.1/4**	
5.500	7.5000	1.0000	0.0945 (2.4)	57.0	47.5	**XLJ 5.1/2**	
	9.5000	1.3750	0.1260 (3.2)	153.0	107.0	**RLS 44**	
	11.0000	2.0000	0.1890 (4.8)	221.0	174.0	**RMS 44**	•
5.750	7.7500	1.0000	0.0945 (2.4)	53.5	43.5	**XLJ 5.3/4**	
6.000	8.0000	1.0000	0.0945 (2.4)	54.5	45.5	**XLJ 6**	•
	10.5000	1.5625	0.1575 (4.0)	180.0	134.0	**RLS 48**	
	12.0000	2.2500	0.1890 (4.8)	259.0	218.0	**RMS 48**	
6.500	8.7500	1.1250	0.1260 (3.2)	66.0	55.0	**XLJ 6.1/2**	•

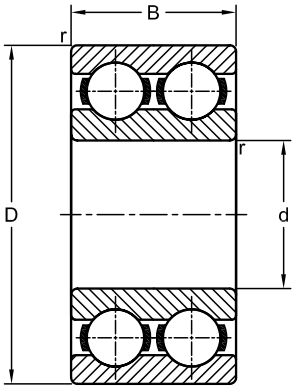
Dimensions inch (mm)				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
	11.0000	1.5625	0.1575 (4.0)	188.0	145.0	**RLS 52**	
	13.0000	2.5000	0.1890 (4.8)	286.0	251.0	**RMS 52**	
6.750	9.0000	1.1250	0.1260 (3.2)	70.0	60.0	**XLJ 6.3/4**	●
7.000	9.5000	1.2500	0.1260 (3.2)	77.5	65.0	**XLJ 7**	●
	12.0000	1.7500	0.1575 (4.0)	221.0	180.0	**RLS 56**	●
	13.5000	2.5000	0.1890 (4.8)	306.0	278.0	**RMS 56**	●
7.250	9.7500	1.2500	0.1260 (3.2)	79.5	67.0	**XLJ 7.1/4**	
7.500	10.0000	1.2500	0.1260 (3.2)	79.0	68.0	**XLJ 7.1/2**	●
	12.5000	1.7500	0.1575 (4.0)	231.0	195.0	**RLS 60**	●
	14.5000	2.7500	0.1890 (4.8)	340.0	322.0	**RMS 60**	●
8.000	10.7500	1.3750	0.1260 (3.2)	94.5	82.5	**XLJ 8**	●
	13.0000	1.7500	0.1575 (4.0)	230.0	195.0	**RLS 64**	●
	15.0000	2.7500	0.1890 (4.8)	366.0	358.0	**RMS 64**	●
8.500	11.5000	1.5000	0.1260 (3.2)	108.0	95.5	**XLJ 8.1/2**	●
	14.0000	2.0000	0.1890 (4.8)	263.0	232.0	**RLS 68**	●
	16.0000	3.0000	0.1890 (4.8)	396.0	401.0	**RMS 68**	●
9.000	12.0000	1.5000	0.1260 (3.2)	110.0	98.0	**XLJ 9**	●
	14.5000	2.0000	0.1890 (4.8)	275.0	251.0	**RLS 72**	●
	17.0000	3.0000	0.1890 (4.8)	415.0	445.0	**RMS 72**	●
9.500	12.7500	1.6250	0.1575 (4.0)	127.0	115.0	**XLJ 9.1/2**	●
	15.1250	2.0000	0.1890 (4.8)	287.0	271.0	**RLS 76**	●
10.000	13.2500	1.6250	0.1575 (4.0)	130.0	120.0	**XLJ 10**	●
	15.7500	2.0000	0.1890 (4.8)	285.0	271.0	**RLS 80**	●
	18.5000	3.2500	0.1890 (4.8)	455.0	490.0	**RMS 80**	●
10.500	14.0000	1.7500	0.1575 (4.0)	145.0	133.0	**XLJ 10.1/2**	●
	16.6250	2.2500	0.1890 (4.8)	338.0	339.0	**RLS 84**	●
11.000	14.5000	1.7500	0.1575 (4.0)	148.0	139.0	**XLJ 11**	●
	17.5000	2.2500	0.1890 (4.8)	335.0	339.0	**RLS 88**	●
	20.0000	3.5000	0.1890 (4.8)	540.0	623.0	**RMS 88**	●
11.500	15.2500	1.8750	0.1575 (4.0)	169.0	160.0	**XLJ 11.1/2**	●
	18.0000	2.3750	0.1890 (4.8)	371.0	390.0	**RLS 92**	●
12.000	16.0000	2.0000	0.1890 (4.8)	190.0	182.0	**XLJ 12**	●
	18.5000	2.6250	0.1890 (4.8)	388.0	412.0	**RLS 96**	●
	21.5000	3.7500	0.1890 (4.8)	557.0	654.0	**RMS 96**	●
12.500	16.5000	2.0000	0.1890 (4.8)	195.0	183.0	**XLJ 12.1/2**	●
	19.0000	2.6250	0.1890 (4.8)	405.0	444.0	**RLS 100**	●
13.000	17.5000	2.2500	0.1890 (4.8)	218.0	221.0	**XLJ 13**	●
	20.0000	2.7500	0.1890 (4.8)	420.0	466.0	**RLS 104**	●
13.500	18.0000	2.2500	0.1890 (4.8)	235.0	240.0	**XLJ 13.1/2**	●
	20.7500	2.7500	0.1890 (4.8)	438.0	494.0	**RLS 108**	●
14.000	18.5000	2.2500	0.1890 (4.8)	255.0	245.0	**XLJ 14**	●
	21.5000	2.8750	0.1890 (4.8)	455.0	525.0	**RLS 112**	●
14.500	19.5000	2.5000	0.1890 (4.8)	299.0	328.0	**XLJ 14.1/2**	●
	22.0000	3.0000	0.1890 (4.8)	476.0	562.0	**RLS 116**	●
15.000	20.0000	2.5000	0.1890 (4.8)	297.0	328.0	**XLJ 15**	●
	22.5000	3.0000	0.1890 (4.8)	474.0	562.0	**RLS 120**	●
16.000	21.5000	2.7500	0.1890 (4.8)	323.0	375.0	**XLJ 16**	●
	23.7500	3.2500	0.1890 (4.8)	511.0	627.0	**RLS 128**	●

Dimensions inch (mm)				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
17.000	22.5118	2.7500	0.1890 (4.8)	329.0	393.0	**XLJ 17**	●
18.000	24.0000	3.0000	0.1890 (4.8)	360.0	435.0	**XLJ 18**	●
19.000	25.5000	3.2500	0.1890 (4.8)	410.0	521.0	**XLJ 19**	●

Ball Bearings

Double Row
Metric Series

42, 43



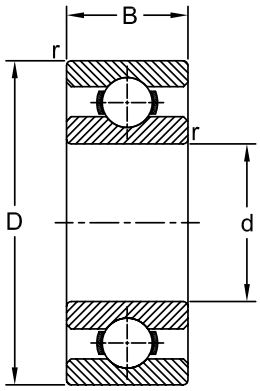
Dimensions mm				Load Rating kN		AEC Bearing	K
d	D	B	r	Dynamic (C)	Static (C_O)		
15	35	14	0.6	11.9	7.5	**4202**	
	42	17	1.0	14.8	9.5	**4302**	
17	40	16	0.6	14.8	9.5	**4203**	
	47	19	1.0	19.5	13.2	**4303**	•
20	47	18	1.0	17.8	12.5	**4204**	
	52	21	1.1	23.4	16.0	**4304**	
25	52	18	1.0	19.0	14.6	**4205**	•
	62	24	1.1	31.9	22.4	**4305**	
30	62	20	1.0	26.0	20.8	**4206**	•
	72	27	1.1	41.0	30.0	**4306**	
35	72	23	1.1	35.1	28.5	**4207**	•
	80	31	1.5	50.7	38.0	**4307**	
40	80	23	1.1	37.1	32.5	**4208**	•
	90	33	1.5	55.9	45.0	**4308**	
45	85	23	1.1	39.0	36.0	**4209**	•
	100	36	1.5	68.9	56.0	**4309**	
50	90	23	1.1	41.0	40.0	**4210**	•
	110	40	2.0	81.9	69.5	**4310**	
55	100	25	1.5	44.9	44.0	**4211**	
	120	43	2.0	97.5	83.0	**4311**	
60	110	28	1.5	57.2	55.0	**4212**	•
	130	46	2.1	112.0	98.0	**4312**	
65	120	31	1.5	67.6	67.0	**4213**	
	140	48	2.1	121.0	106.0	**4313**	
70	125	31	1.5	70.2	73.5	**4214**	
	150	51	2.1	138.0	125.0	**4314**	
75	130	31	1.5	72.8	80.0	**4215**	
	160	55	2.1	156.0	143.0	**4315**	

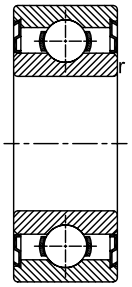
Dimensions mm				Load Rating kN		AEC Bearing	K
d	D	B	r	Dynamic (C)	Static (C_O)		
80	140	33	2.0	80.6	90.0	**4216**	
85	150	36	2.0	93.6	102.0	**4217**	
90	160	40	2.0	112.0	122.0	**4218**	
100	180	46	2.1	140.0	156.0	**4220**	

Ball Bearings

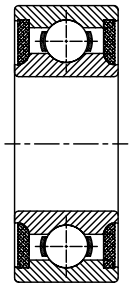
Wide Row
Metric Series

W200, W300





ZZ



O/S

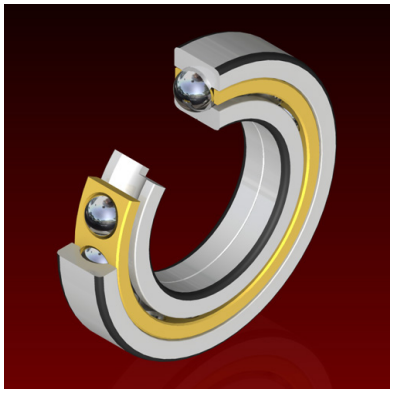
Dimensions mm				Load Rating kN		AEC Bearing	M	ZZ	O/S
d	D	B	r	Dynamic (C)	Static (C_O)				
17	40	17.46	0.6	9.6	4.8	**W 203 PP**		•	•
20	47	20.64	1.0	12.7	6.6	**W 204 PP**		•	•
	52	22.23	1.0	15.9	7.8	**W 304 PP**		•	•
25	52	20.64	1.0	14.0	7.8	**W 205 PP**		•	•
	62	25.40	1.0	22.5	11.6	**W 305 PP**		•	•
30	62	23.81	1.0	19.5	11.2	**W 206 PP**		•	•
	72	30.16	1.0	28.1	16.0	**W 306 PP**		•	•
35	72	26.99	1.0	25.5	15.3	**W 207 PP**		•	•
	80	34.93	1.5	33.2	19.0	**W 307 PP**		•	•
40	80	30.16	1.0	30.7	19.0	**W 208 PP**		•	•
	90	36.51	1.5	41.0	24.0	**W 308 PP**		•	•
45	85	30.16	1.0	33.2	21.6	**W 209 PP**		•	•
	100	39.69	1.5	52.7	31.5	**W 309 PP**		•	•
50	90	30.16	1.0	35.1	23.2	**W 210 PP**		•	•
	110	44.45	2.0	61.8	38.0	**W 310 PP**		•	•
55	100	33.34	1.5	43.6	29.0	**W 211 PP**		•	•
	120	49.21	2.0	71.5	45.0	**W 311 PP**		•	•
60	110	36.51	1.5	47.5	32.5	**W 212 PP**		•	•
	130	53.93	2.0	81.9	52.0	**W 312 PP**		•	•
65	120	38.10	1.5	55.9	40.5	**W 213 PP**		•	•
	140	58.74	2.0	92.3	60.0	**W 313 PP**		•	•
70	125	39.69	1.5	60.5	45.0	**W 214 PP**		•	•
	150	63.50	2.0	104.0	68.0	**W 314 PP**		•	•
75	130	41.28	1.5	66.3	49.0	**W 215 PP**		•	•
	160	68.26	2.0	114.0	76.5	**W 315 PP**		•	•
80	140	44.45	2.0	70.2	55.0	**W 216 PP**		•	•
	170	68.26	2.0	124.0	86.5	**W 316 PP**		•	•

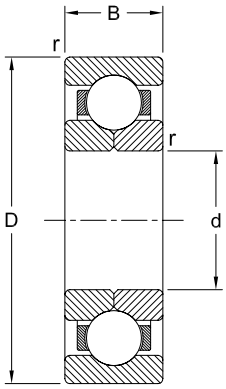
Dimensions mm				Load Rating kN		AEC Bearing	M	ZZ	O/S
d	D	B	r	Dynamic (C)	Static (C_O)				
85	150	49.21	2.0	83.2	64.0	**W 217 PP**		•	•
	180	73.03	2.5	133.0	96.5	**W 317 PP**		•	•
90	160	52.39	2.0	95.6	73.5	**W 218 PP**		•	•
	190	73.03	2.5	143.0	108.0	**W 318 PP**	•	•	•
95	200	77.78	3.0	153.0	118.0	**W 319 PP**	•	•	•
100	215	82.55	3.0	174.0	140.0	**W 320 PP**	•	•	•

Ball Bearings

Four Point Contact
Metric Series

QJ200, QJ300





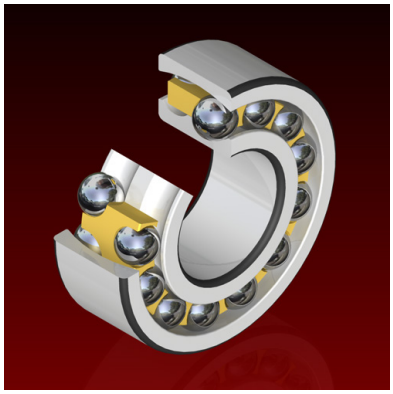
Dimensions mm				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
20	52	15	1.1	29.6	20.0	**QJ 304**	•
25	52	15	1.0	25.1	20.0	**QJ 205**	•
30	62	16	1.0	35.1	28.5	**QJ 206**	•
	72	19	1.1	49.4	39.0	**QJ 306**	•
35	72	17	1.1	46.2	39.0	**QJ 207**	•
	80	21	1.5	59.2	46.5	**QJ 307**	•
40	80	18	1.1	52.7	45.0	**QJ 208**	•
	90	23	1.5	71.5	58.5	**QJ 308**	•
45	85	19	1.1	58.5	51.0	**QJ 209**	•
	100	25	1.5	93.6	76.5	**QJ 309**	•
50	90	20	1.1	61.8	56.0	**QJ 210**	•
	110	27	2.0	111.0	91.5	**QJ 310**	•
55	100	21	1.5	79.3	76.5	**QJ 211**	•
	120	29	2.0	127.0	108.0	**QJ 311**	•
60	110	22	1.5	92.3	86.5	**QJ 212**	•
	130	31	2.1	146.0	125.0	**QJ 312**	•
65	120	23	1.5	104.0	104.0	**QJ 213**	•
	140	33	2.1	165.0	146.0	**QJ 313**	•
70	125	24	1.5	114.0	114.0	**QJ 214**	•
	150	35	2.1	186.0	166.0	**QJ 314**	•
75	130	25	1.5	117.0	122.0	**QJ 215**	•
	160	37	2.1	199.0	186.0	**QJ 315**	•
80	140	26	2.0	138.0	146.0	**QJ 216**	•
	170	39	2.1	216.0	208.0	**QJ 316**	•
85	150	28	2.0	148.0	160.0	**QJ 217**	•
	180	41	3.0	234.0	236.0	**QJ 317**	•
90	160	30	2.0	174.0	186.0	**QJ 218**	•
	190	43	3.0	265.0	285.0	**QJ 318**	•

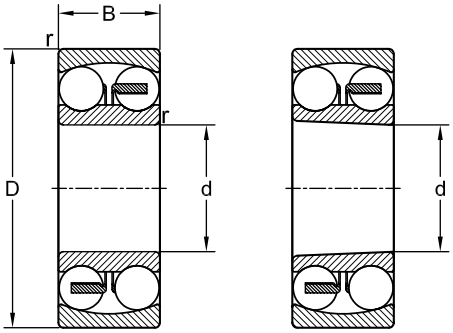
Dimensions mm				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
95	170	32	2.1	199.0	212.0	**QJ 219**	●
	200	45	3.0	286.0	315.0	**QJ 319**	●
100	180	34	2.1	225.0	240.0	**QJ 220**	●
	215	47	3.0	307.0	340.0	**QJ 320**	●
110	200	38	2.1	265.0	305.0	**QJ 222**	●
	240	50	3.0	364.0	430.0	**QJ 322**	●
120	215	40	2.1	286.0	340.0	**QJ 224**	●
	260	55	3.0	390.0	490.0	**QJ 324**	●
130	230	40	3.0	296.0	365.0	**QJ 226**	●
	280	58	4.0	423.0	560.0	**QJ 326**	●
140	250	42	3.0	325.0	440.0	**QJ 228**	●
	300	62	4.0	468.0	640.0	**QJ 328**	●
150	270	45	3.0	338.0	465.0	**QJ 230**	●
	320	65	4.0	494.0	710.0	**QJ 330**	●
160	290	48	3.0	390.0	570.0	**QJ 232**	●
170	310	52	4.0	397.0	600.0	**QJ 234**	●
	360	72	4.0	618.0	965.0	**QJ 334**	●
180	320	52	4.0	436.0	680.0	**QJ 236**	●
	380	75	4.0	637.0	1020.0	**QJ 336**	●
200	360	58	4.0	507.0	850.0	**QJ 240**	●
220	400	65	4.0	553.0	980.0	**QJ 244**	●

Ball Bearings

Self Aligning
Metric Series

12, 13, 14, 22, 23





Cylindrical bore Tapered bore

Dimensions mm				Load Rating kN		AEC Bearing	K
d	D	B	r	Dynamic (C)	Static (C_O)		
15	35	11	0.6	7.4	1.8	**1202**	•
	35	14	0.6	8.7	2.0	**2202**	•
	42	13	1.0	10.8	2.6	**1302**	•
	42	17	1.0	11.9	2.9	**2302**	•
17	40	12	0.6	8.8	2.2	**1203**	•
	40	16	0.6	10.6	2.6	**2203**	•
	47	14	1.0	12.7	3.4	**1303**	•
		19	1.0	14.6	3.6	**2303**	•
20	47	14	1.0	12.7	3.4	**1204**	•
	47	18	1.0	16.8	4.2	**2204**	•
	52	15	1.1	14.3	4.0	**1304**	•
	52	21	1.1	18.2	4.8	**2304**	•
25	52	15	1.0	14.3	4.0	**1205**	•
	52	18	1.0	16.8	4.4	**2205**	•
	62	17	1.1	19.0	5.4	**1305**	•
	62	24	1.1	24.2	6.6	**2305**	•
30	62	16	1.0	15.6	4.7	**1206**	•
	62	20	1.0	23.8	6.7	**2206**	•
	72	19	1.1	22.5	6.8	**1306**	•
	72	27	1.1	31.2	8.8	**2306**	•
	90	28	1.5	59.2	17.0	**1406**	•
35	72	17	1.1	19.0	6.0	**1207**	•
	72	23	1.1	30.7	8.8	**2207**	•
	80	21	1.5	26.5	8.5	**1307**	•
	80	31	1.5	39.7	11.2	**2307**	•
		30	1.5	62.4	18.0	**1407**	•
40	80	18	1.1	19.9	7.0	**1208**	•
	80	23	1.1	31.9	10.0	**2208**	•
	90	23	1.5	33.8	11.2	**1308**	•
	90	33	1.5	54.0	16.0	**2308**	•
		33	2.0	76.1	23.6	**1408**	•
45	85	19	1.1	22.9	7.8	**1209**	•

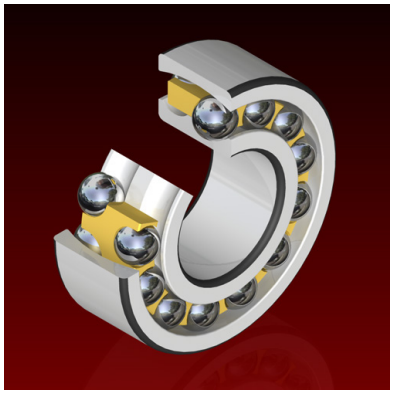
Dimensions mm				Load Rating kN		AEC Bearing	K
d	D	B	r	Dynamic (C)	Static (C_O)		
	85	19	1.1	32.5	10.6	**2209**	●
	100	23	1.5	39.0	13.4	**1309**	●
	100	36	1.5	63.7	19.3	**2309**	●
		35	2.0	88.4	27.5	**1409**	●
50	90	20	1.1	26.5	9.2	**1210**	●
	90	23	1.1	33.8	11.2	**2210**	●
	110	27	2.0	43.6	14.0	**1310**	●
	110	40	2.0	63.7	20.0	**2310**	●
		37	2.1	101.0	32.0	**1410**	●
55	100	21	1.5	27.6	10.6	**1211**	●
	100	25	1.5	39.0	13.4	**2211**	●
	120	29	2.0	50.7	18.0	**1311**	●
	120	43	2.0	76.1	24.0	**2311**	●
		40	2.1	111.0	36.5	**1411**	●
60	110	22	1.5	31.2	12.2	**1212**	●
	110	28	1.5	48.8	17.0	**2212**	●
	130	31	2.1	58.5	22.0	**1312**	●
	130	46	2.1	87.1	28.5	**2312**	●
		42	2.1	125.0	41.5	**1412**	●
65	120	23	1.5	35.1	14.0	**1213**	●
	120	31	1.5	57.2	20.0	**2213**	●
65	140	33	2.1	65.0	25.5	**1313**	●
	140	48	2.1	95.6	32.5	**2313**	●
70	125	24	1.5	34.5	13.7	**1214**	●
	125	31	1.5	44.2	17.0	**2214**	●
	150	35	2.1	74.1	27.5	**1314**	●
	150	51	2.1	111.0	37.5	**2314**	●
75	130	25	1.5	39.0	15.6	**1215**	●
	130	31	1.5	44.2	18.0	**2215**	●
	160	37	2.1	79.3	30.0	**1315**	●
	160	55	2.1	124.0	43.0	**2315**	●
80	140	26	2.0	39.7	17.0	**1216**	●
	140	33	2.0	65.0	25.5	**2216**	●
	170	39	2.1	88.4	33.5	**1316**	●
	170	58	2.1	135.0	49.0	**2316**	●
85	150	28	2.0	48.8	20.8	**1217**	●
	150	36	2.0	58.5	23.6	**2217**	●
	180	41	3.0	97.5	38.0	**1317**	●
	180	60	3.0	140.0	51.0	**2317**	●
90	160	30	2.0	57.2	23.6	**1218**	●
	160	40	2.0	70.2	28.5	**2218**	●
	190	43	3.0	117.0	44.0	**1318**	●
	190	64	3.0	153.0	57.0	**2318**	●
95	170	32	2.1	63.7	27.0	**1219**	●
	170	43	2.1	83.2	34.5	**2219**	●
	200	45	3.0	133.0	51.0	**1319**	●
	200	67	3.0	165.0	64.0	**2319**	●
100	180	34	2.1	68.9	30.0	**1220**	●

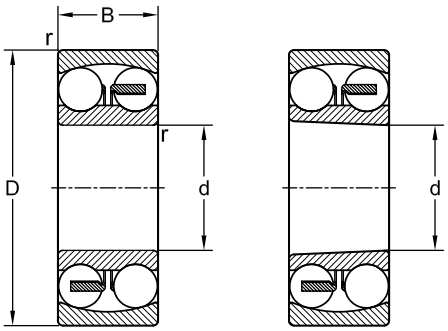
Dimensions mm				Load Rating kN		AEC Bearing	K
d	D	B	r	Dynamic (C)	Static (C_O)		
	180	46	2.1	97.5	40.5	**2220**	●
	215	47	3.0	143.0	57.0	**1320**	●
	215	73	3.0	190.0	80.0	**2320**	●
105	190	36	2.1	74.1	32.5	**1221**	●
	190	50	2.1	108.0	45.0	**2220**	●
110	200	38	2.1	88.4	39.0	**1222**	●
	200	53	2.1	124.0	52.0	**2222**	●
	240	50	3.0	163.0	72.0	**1322**	●
	240	80	3.0	216.0	95.0	**2322**	●
120	215	42	2.1	119.0	53.0	**1224**	●
130	230	46	3.0	127.0	58.5	**1226**	●

Ball Bearings

Self Aligning
Inch Series

RL, RM





Cylindrical bore Tapered bore

Dimensions inch (mm)				Load Rating kN		AEC Bearing	K
d	D	B	r	Dynamic (C)	Static (C_O)		
0.500	1.3125	0.3750	0.0315 (0.8)	5.65	1.48	**RL 4**	
	1.6250	0.6250	0.0630 (1.6)	12.10	2.95	**RM 4**	
0.625	1.5625	0.4375	0.0315 (0.8)	8.25	2.42	**RL 5**	
	1.8125	0.6250	0.0630 (1.6)	12.90	3.67	**RM 5**	
0.750	1.8750	0.5625	0.0630 (1.6)	10.30	3.17	**RL 6**	
	2.0000	0.6875	0.0630 (1.6)	12.90	4.01	**RM 6**	
0.875	2.0000	0.5625	0.0630 (1.6)	12.90	4.01	**RL 7**	•
	2.2500	0.6875	0.0630 (1.6)	18.40	5.45	**RM 7**	•
1.000	2.2500	0.6250	0.0630 (1.6)	15.40	4.96	**RL 8**	•
	2.5000	0.7500	0.0945 (2.4)	21.30	6.55	**RM 8**	•
1.125	2.5000	0.6250	0.0630 (1.6)	16.30	5.80	**RL 9**	•
	2.8125	0.8125	0.0945 (2.4)	25.50	8.35	**RM 9**	•
1.250	2.7500	0.6875	0.0630 (1.6)	16.40	6.65	**RL 10**	•
	3.1250	0.8750	0.0945 (2.4)	0.00	10.50	**RM 10**	•
1.375	3.0000	0.6875	0.0630 (1.6)	19.10	7.55	**RL 11**	•
	3.5000	0.8750	0.0945 (2.4)	26.10	9.80	**RM 11**	•
1.500	3.2500	0.7500	0.0945 (2.4)	20.00	8.55	**RL 12**	•
	3.7500	0.9375	0.0945 (2.4)	34.10	13.10	**RM 12**	•
1.625	3.5000	0.7500	0.0945 (2.4)	22.70	9.60	**RL 13**	•
	4.0000	0.9375	0.0945 (2.4)	32.90	13.10	**RM 13**	•
1.750	3.7500	0.8125	0.0945 (2.4)	23.60	10.80	**RL 14**	•
	4.2500	1.0625	0.0945 (2.4)	44.50	18.00	**RM 14**	•
1.875	4.0000	0.8125	0.0945 (2.4)	27.80	13.40	**RL 15**	•
	4.5000	1.0625	0.0945 (2.4)	42.80	16.20	**RM 15**	•
2.000	4.0000	0.8125	0.0945 (2.4)	27.80	13.40	**RL 16**	•
	4.5000	1.0625	0.0945 (2.4)	42.80	16.20	**RM 16**	•
2.250	4.5000	0.8750	0.0945 (2.4)	31.50	15.50	**RL 18**	•
	5.0000	1.2500	0.1260 (3.2)	58.50	24.90	**RM 18**	•
2.500	5.0000	0.9375	0.0945 (2.4)	37.30	19.70	**RL 20**	•
	5.5000	1.2500	0.1260 (3.2)	60.50	24.20	**RM 20**	•
2.750	5.2500	0.9375	0.0945 (2.4)	40.60	21.40	**RL 22**	
	6.2500	1.3750	0.1260 (3.2)	74.50	33.00	**RM 22**	

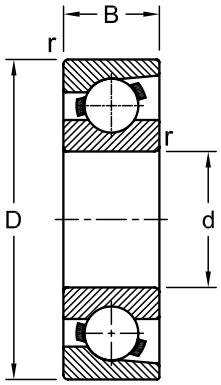
Dimensions inch (mm)				Load Rating kN		AEC Bearing	K
d	D	B	r	Dynamic (C)	Static (C_O)		
3.000	5.7500	1.0625	0.0945 (2.4)	43.10	22.90	**RL 24**	●
	7.0000	1.5625	0.1575 (4.0)	86.50	36.40	**RM 24**	●
3.250	6.0000	1.0625	0.0945 (2.4)	58.50	27.60	**RL 26**	●
	7.5000	1.5625	0.1575 (4.0)	101.00	41.30	**RM 26**	●
3.375	7.5000	1.5625	0.1575 (4.0)	101.00	41.30	**RM 27**	
3.500	6.5000	1.1250	0.1260 (3.2)	66.00	30.90	**RL 28**	●
	8.1250	1.7500	0.1575 (4.0)	133.00	56.00	**RM 28**	●
3.750	6.7500	1.1250	0.1260 (3.2)	64.50	31.00	**RL 30**	●
	8.2500	1.7500	0.1575 (4.0)	135.00	64.00	**RM 30**	
4.000	7.2500	1.2500	0.1260 (3.2)	75.50	36.60	**RL 32**	●
	8.5000	1.7500	0.1575 (4.0)	149.00	76.50	**RM 32**	●
4.250	7.5000	1.2500	0.1260 (3.2)	77.50	39.20	**RL 34**	
	8.7500	1.7500	0.1890 (4.8)	146.00	76.50	**RM 34**	
4.500	8.0000	1.3125	0.1260 (3.2)	85.50	45.20	**RL 36**	●
	9.4021	2.0000	0.1890 (4.8)	159.00	78.50	**RM 36**	
4.750	8.2500	1.3125	0.1260 (3.2)	84.00	45.20	**RL 38**	●
	10.0000	2.0000	0.1890 (4.8)	168.00	90.00	**RM 38**	
5.000	9.0000	1.3750	0.1260 (3.2)	88.00	46.00	**RL 40**	●
	10.0000	2.0000	0.1890 (4.8)	168.00	90.00	**RM 40**	
5.500	9.5000	1.3750	0.1260 (3.2)	109.00	60.50	**RL 44**	
	11.0000	2.0000	0.1890 (4.8)	191.00	113.00	**RM 44**	
6.000	10.5000	1.5620	0.1575 (4.0)	120.00	68.50	**RL 48**	
	12.0000	2.2500	0.1890 (4.8)	211.00	129.00	**RM 48**	
0.500	1.3125	0.3750	0.0315 (0.8)	5.65	1.48	**RL 4**	
	1.6250	0.6250	0.0630 (1.6)	12.10	2.95	**RM 4**	
0.625	1.5625	0.4375	0.0315 (0.8)	8.25	2.42	**RL 5**	
	1.8125	0.6250	0.0630 (1.6)	12.90	3.67	**RM 5**	
0.750	1.8750	0.5625	0.0630 (1.6)	10.30	3.17	**RL 6**	
	2.0000	0.6875	0.0630 (1.6)	12.90	4.01	**RM 6**	
0.875	2.0000	0.5625	0.0630 (1.6)	12.90	4.01	**RL 7**	●
	2.2500	0.6875	0.0630 (1.6)	18.40	5.45	**RM 7**	●
1.000	2.2500	0.6250	0.0630 (1.6)	15.40	4.96	**RL 8**	●
	2.5000	0.7500	0.0945 (2.4)	21.30	6.55	**RM 8**	●
1.125	2.5000	0.6250	0.0630 (1.6)	16.30	5.80	**RL 9**	●
	2.8125	0.8125	0.0945 (2.4)	25.50	8.35	**RM 9**	●
1.250	2.7500	0.6875	0.0630 (1.6)	16.40	6.65	**RL 10**	●
	3.1250	0.8750	0.0945 (2.4)	0.00	10.50	**RM 10**	●
1.375	3.0000	0.6875	0.0630 (1.6)	19.10	7.55	**RL 11**	●
	3.5000	0.8750	0.0945 (2.4)	26.10	9.80	**RM 11**	●
1.500	3.2500	0.7500	0.0945 (2.4)	20.00	8.55	**RL 12**	●
	3.7500	0.9375	0.0945 (2.4)	34.10	13.10	**RM 12**	●
1.625	3.5000	0.7500	0.0945 (2.4)	22.70	9.60	**RL 13**	●
	4.0000	0.9375	0.0945 (2.4)	32.90	13.10	**RM 13**	●
1.750	3.7500	0.8125	0.0945 (2.4)	23.60	10.80	**RL 14**	●
	4.2500	1.0625	0.0945 (2.4)	44.50	18.00	**RM 14**	●
1.875	4.0000	0.8125	0.0945 (2.4)	27.80	13.40	**RL 15**	●
	4.5000	1.0625	0.0945 (2.4)	42.80	16.20	**RM 15**	●
2.000	4.0000	0.8125	0.0945 (2.4)	27.80	13.40	**RL 16**	●

Dimensions inch (mm)				Load Rating kN		AEC Bearing	K
d	D	B	r	Dynamic (C)	Static (C_O)		
	4.5000	1.0625	0.0945 (2.4)	42.80	16.20	**RM 16**	●
2.250	4.5000	0.8750	0.0945 (2.4)	31.50	15.50	**RL 18**	●
	5.0000	1.2500	0.1260 (3.2)	58.50	24.90	**RM 18**	●
2.500	5.0000	0.9375	0.0945 (2.4)	37.30	19.70	**RL 20**	●
	5.5000	1.2500	0.1260 (3.2)	60.50	24.20	**RM 20**	●
2.750	5.2500	0.9375	0.0945 (2.4)	40.60	21.40	**RL 22**	
	6.2500	1.3750	0.1260 (3.2)	74.50	33.00	**RM 22**	
3.000	5.7500	1.0625	0.0945 (2.4)	43.10	22.90	**RL 24**	●
	7.0000	1.5625	0.1575 (4.0)	86.50	36.40	**RM 24**	●
3.250	6.0000	1.0625	0.0945 (2.4)	58.50	27.60	**RL 26**	●
	7.5000	1.5625	0.1575 (4.0)	101.00	41.30	**RM 26**	●

Ball Bearings

Magneto
Metric Series

E, BO, L



Dimensions mm				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
10	28	8	0.5	4.44	0.72	**E 10**	
12	32	7	0.5	3.58	0.74	**E 12**	
13	30	7	0.3	3.57	0.74	**E 13**	•
14	35	8	0.5	4.70	1.00	**E 14**	•
15	35	8	0.5	4.70	1.00	**E 15**	•
	40	10	1.0	7.55	1.50	**BO 15**	
17	40	10	0.6	5.96	1.31	**L 17**	•
	44	11	1.0	9.00	1.87	**BO 17**	
19	40	9	0.7	3.64	0.94	**E 19**	
20	47	12	1.0	9.20	2.04	**E 20**	•
	47	14	1.5	9.20	2.04	**L 20**	
	52	15	2.0	12.78	2.65	**M 20**	
25	52	15	1.5	9.20	2.04	**L 25**	
30	62	16	1.5	7.55	2.24	**L 30**	

Ball Bearings

Thrust
Metric Series

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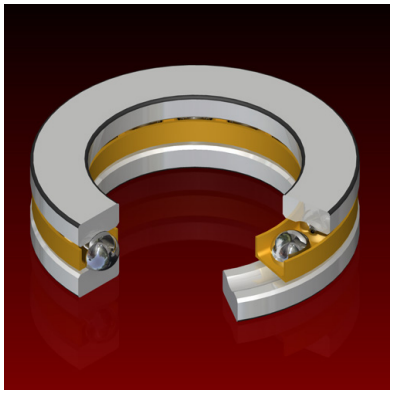
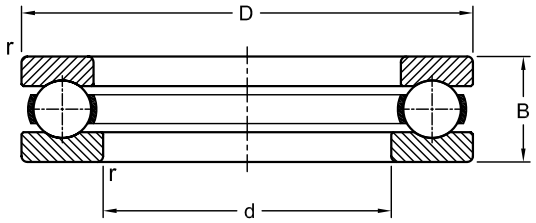




Dimensions mm				Load Rating kN		AEC Bearing
d	**D**	**B**	**r**	**Dynamic (C)**	**Static (C_o)**	
10	24	9	0.3	10.0	14.0	**51100**
	26	11	0.6	12.7	17.0	**51200**
12	26	9	0.3	10.4	15.3	**51101**
	28	11	0.6	13.3	19.0	**51201**
15	28	9	0.3	9.4	14.0	**51102**
	32	12	0.6	16.5	25.0	**51202**
17	30	9	0.3	9.8	15.3	**51103**
	35	12	0.6	17.2	27.5	**51203**
20	35	10	0.3	12.7	20.8	**51104**
	40	14	0.6	22.5	37.5	**51204**
25	42	11	0.6	15.9	29.0	**51105**
	47	15	0.6	27.6	50.0	**51205**
	52	18	1.0	34.5	55.0	**51305**
	52	24	1.0	55.3	90.0	**51405**
30	47	11	0.6	16.8	33.5	**51106**
	52	16	0.6	25.5	47.5	**51206**
	60	21	1.0	37.7	65.5	**51306**
	70	28	1.0	72.8	125.0	**51406**
35	52	12	0.6	17.4	37.5	**51107**
	62	18	1.0	35.1	67.0	**51207**
	68	24	1.0	49.4	88.0	**51307**
	80	32	1.1	87.1	156.0	**51407**
40	60	13	0.6	23.4	50.0	**51108**
	68	19	1.0	46.8	98.0	**51208**
	78	26	1.0	61.8	112.0	**51308**
	90	36	1.1	112.0	204.0	**51408**
45	65	14	0.6	24.2	57.0	**51109**
	73	20	1.0	39.0	80.0	**51209**
	85	28	1.0	76.1	140.0	**51309**

Dimensions mm				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
	100	39	1.1	130.0	240.0	**51409**
50	70	14	0.6	25.5	63.0	**51110**
	78	22	1.0	49.4	106.0	**51210**
	95	31	1.1	88.4	173.0	**51310**
	110	43	1.5	159.0	310.0	**51410**
55	78	16	0.6	30.7	78.0	**51111**
	90	25	1.0	61.8	134.0	**51211**
	105	35	1.1	104.0	208.0	**51311**
	120	48	1.5	178.0	360.0	**51411**
60	85	17	1.0	35.8	90.0	**51112**
	95	26	1.0	62.4	140.0	**51212**
	110	35	1.1	101.0	208.0	**51312**
	130	51	1.5	199.0	400.0	**51412**
65	90	18	1.0	37.1	98.0	**51113**
	100	27	1.0	63.7	150.0	**51213**
	115	36	1.1	106.0	220.0	**51313**
	140	56	2.0	216.0	450.0	**51413**
70	95	18	1.0	37.7	104.0	**51114**
	105	27	1.0	65.0	160.0	**51214**
	125	40	1.1	135.0	300.0	**51314**
	150	60	2.0	234.0	500.0	**51414**
75	100	19	1.0	44.2	137.0	**51115**
	110	27	1.0	67.6	170.0	**51215**
	135	44	1.5	163.0	360.0	**51315**
	160	65	2.0	251.0	560.0	**51415**
80	105	19	1.0	44.9	140.0	**51116**
	115	28	1.0	76.1	190.0	**51216**
	140	44	1.5	159.0	360.0	**51316**
	170	68	2.1	270.0	620.0	**51416**
85	110	19	1.0	46.2	150.0	**51117**
	125	31	1.0	97.5	250.0	**51217**
	150	49	1.5	190.0	425.0	**51317**
	180	72	2.1	286.0	680.0	**51417**
90	120	22	1.0	59.2	190.0	**51118**
	135	35	1.1	119.0	300.0	**51218**
	155	50	1.5	195.0	465.0	**51318**
	190	77	2.1	307.0	750.0	**51418**
100	135	25	1.0	85.2	270.0	**51120**
	150	38	1.1	124.0	320.0	**51220**
	170	55	1.5	229.0	560.0	**51320**
	210	85	3.0	371.0	965.0	**51420**
110	145	25	1.0	87.1	290.0	**51122**
	160	38	1.1	130.0	360.0	**51222**
	190	63	2.0	276.0	720.0	**51322**
	230	95	3.0	410.0	1140.0	**51422**

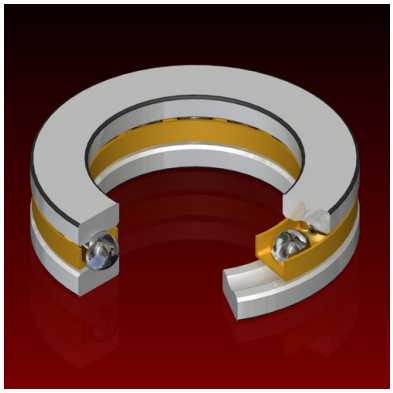
Dimensions mm				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
130	170	30	1.0	111.0	390.0	**51126**
	190	45	1.5	186.0	540.0	**51226**
	225	75	2.1	358.0	1060.0	**51326**
	270	110	4.0	520.0	1600.0	**51426**
140	180	31	1.0	111.0	400.0	**51128**
	200	46	1.5	190.0	570.0	**51228**
	240	80	2.1	397.0	1220.0	**51328**
	280	112	4.0	520.0	1600.0	**51428**
150	190	31	1.0	111.0	400.0	**51130**
	215	50	1.5	238.0	735.0	**51230**
	250	80	2.1	410.0	1290.0	**51330**
	300	120	4.0	559.0	1800.0	**51430**
160	200	31	1.0	112.0	425.0	**51132**
	225	51	1.5	242.0	780.0	**51232**
	270	87	3.0	449.0	1500.0	**51332**
170	215	34	1.1	133.0	500.0	**51134**
	240	55	1.5	286.0	930.0	**51234**
	280	87	3.0	468.0	1600.0	**51334**
180	225	34	1.1	135.0	530.0	**51136**
	250	56	1.5	296.0	1000.0	**51236**
	300	95	3.0	520.0	1830.0	**51336**
190	240	37	1.1	172.0	655.0	**51138**
	270	62	2.0	332.0	1160.0	**51238**
	320	105	4.0	600.0	2200.0	**51338**
200	250	37	1.1	168.0	655.0	**51140**
	280	62	2.0	338.0	1220.0	**51240**
	340	110	4.0	624.0	2400.0	**51340**
220	270	37	1.1	178.0	735.0	**51144**
	300	63	2.0	351.0	1320.0	**51244**
240	300	45	1.5	234.0	965.0	**51148**
	340	78	2.1	462.0	1860.0	**51248**
260	320	45	1.5	238.0	1020.0	**51152**
	360	79	2.1	475.0	2000.0	**51252**
280	350	53	1.5	319.0	1340.0	**51156**
	380	80	2.1	494.0	2160.0	**51256**
300	380	62	2.0	364.0	1600.0	**51160**
	420	95	3.0	605.0	2750.0	**51260**
320	400	63	2.0	371.0	1700.0	**51164**
	440	95	3.0	572.0	2700.0	**51264**
340	420	64	2.0	377.0	1800.0	**51168**
	460	96	3.0	605.0	2900.0	**51268**
360	440	65	2.0	390.0	1900.0	**51172**
	500	110	4.0	741.0	3800.0	**51272**

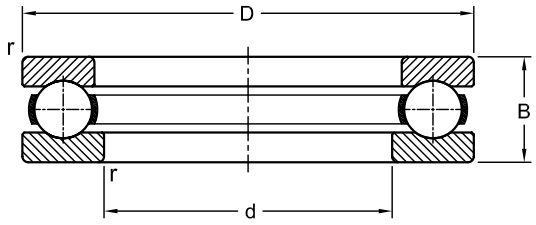
Dimensions mm				Load Rating kN		AEC Bearing
d	**D**	**B**	**r**	**Dynamic (C)**	**Static (C_O)**	
380	460	65	2.0	430.0	2240.0	**51176**
400	480	65	2.0	440.0	2320.0	**51180**

Ball Bearings

Thrust
Inch Series

W, EW, XW, MT





Dimensions inch (mm)				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
0.375	1.0000	0.5312	0.0315 (0.8)	8.90	8.90	**W 3/8**	•
0.438	1.2812	0.6250	0.0315 (0.8)	14.90	15.80	**W 7/16**	
0.500	1.2812	0.6250	0.0315 (0.8)	19.20	20.00	**W 1/2**	•
0.563	1.4062	0.6250	0.0315 (0.8)	20.00	22.50	**W 9/16**	
0.625	1.4062	0.6250	0.0315 (0.8)	20.00	22.50	**W 5/8**	
0.750	1.5313	0.6250	0.0315 (0.8)	18.20	23.70	**W 3/4**	
	1.5625	0.7187	0.0315 (0.8)	20.80	25.00	**MT 3/4**	•
0.875	1.6562	0.6250	0.0315 (0.8)	19.60	27.60	**W 7/8**	
	1.8125	0.7500	0.0315 (0.8)	24.80	30.80	**MT 7/8**	•
1.000	1.7813	0.6250	0.0630 (1.6)	19.30	27.60	**W 1**	
	2.0000	0.7500	0.0630 (1.6)	27.30	37.00	**MT 1**	•
1.125	1.9063	0.6250	0.0630 (1.6)	20.50	31.60	**W 1.1/8**	
	2.2500	0.8750	0.0630 (1.6)	34.00	44.40	**MT 1.1/8**	•
1.250	2.0625	0.5000	0.0630 (1.6)	4.47	8.90	**EW 1.1/4**	
	2.0937	0.7187	0.0630 (1.6)	23.10	35.00	**W 1.1/4**	
	2.5000	1.0000	0.0630 (1.6)	45.60	60.50	**MT 1.1/4**	•
1.375	2.1875	0.5000	0.0630 (1.6)	4.36	8.90	**EW 1.3/8**	
	2.2187	0.7187	0.0630 (1.6)	22.70	35.00	**W 1.3/8**	
1.500	2.3125	0.5000	0.0630 (1.6)	4.62	10.00	**EW 1.1/2**	
	2.3438	0.7187	0.0630 (1.6)	24.30	40.00	**W 1.1/2**	
	2.8750	1.1250	0.0630 (1.6)	57.30	79.00	**MT 1.1/2**	•
1.625	2.4375	0.5000	0.0630 (1.6)	4.54	10.00	**EW 1.5/8**	
	2.4687	0.7187	0.0630 (1.6)	23.90	40.00	**W 1.5/8**	•
1.751	2.6250	0.6250	0.0630 (1.6)	5.70	12.70	**EW 1.3/4**	
	2.6875	0.7500	0.0630 (1.6)	35.40	59.50	**W 1.3/4**	
	3.3125	1.2500	0.0630 (1.6)	84.50	122.00	**MT 1.3/4**	•
1.875	2.7500	0.6250	0.0630 (1.6)	6.00	14.10	**EW 1.7/8**	
	2.8125	0.7500	0.0630 (1.6)	31.00	55.50	**W 1.7/8**	
2.000	2.8750	0.6250	0.0630 (1.6)	5.90	14.10	**EW 2**	
	3.0625	0.6875	0.0630 (1.6)	25.90	50.00	**XW 2**	
	2.9688	0.7500	0.0945 (2.4)	33.60	65.00	**W 2**	
	3.6875	1.3750	0.0945 (2.4)	96.00	148.00	**MT 2**	•

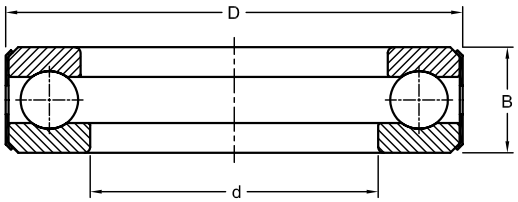
Dimensions inch (mm)				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
2.125	3.1875	0.6875	0.0630 (1.6)	25.50	50.00	**XW 2.1/8**	●
	3.2187	0.8750	0.0945 (2.4)	43.70	80.00	**W 2.1/8**	●
2.250	3.1250	0.6250	0.0630 (1.6)	6.10	15.50	**EW 2.1/4**	
	3.3125	0.6875	0.0630 (1.6)	26.80	55.00	**XW 2.1/4**	●
	3.3437	0.8750	0.0945 (2.4)	43.10	80.00	**W 2.1/4**	●
	4.2500	1.6875	0.0945 (2.4)	128.00	195.00	**MT 2.1/4**	●
2.375	3.4375	0.6875	0.0630 (1.6)	26.50	55.00	**XW 2.3/8**	●
	3.5937	1.0000	0.0945 (2.4)	58.00	109.00	**W 2.3/8**	
2.500	3.5625	0.6875	0.0630 (1.6)	27.70	60.00	**XW 2.1/2**	●
	3.7187	1.0000	0.0945 (2.4)	57.50	109.00	**W 2.1/2**	●
	4.7500	2.0000	0.0945 (2.4)	160.00	242.00	**MT 2.1/2**	●
2.625	3.7500	0.7500	0.0630 (1.6)	32.10	68.00	**XW 2.5/8**	●
	3.8437	1.0000	0.0945 (2.4)	57.00	109.00	**W 2.5/8**	●
2.750	3.8750	0.7500	0.0630 (1.6)	33.70	74.00	**XW 2.3/4**	●
	4.0314	1.0000	0.0945 (2.4)	56.50	109.00	**W 2.3/4**	●
	5.0000	2.0000	0.0945 (2.4)	163.20	290.00	**MT 2.3/4**	●
2.875	4.0000	0.7500	0.0630 (1.6)	35.10	80.00	**XW 2.7/8**	●
	4.1562	1.0000	0.0945 (2.4)	64.00	125.00	**W 2.7/8**	●
3.000	4.1250	0.7500	0.0630 (1.6)	34.80	80.00	**XW 3**	●
	4.3750	1.1250	0.1260 (3.2)	72.50	142.00	**W 3**	●
	5.6250	2.2500	0.1260 (3.2)	226.00	379.00	**MT 3**	●
3.125	4.2500	0.7500	0.0630 (1.6)	34.80	84.00	**XW 3.1/8**	●
	4.5000	1.1250	0.1260 (3.2)	87.00	178.00	**W 3.1/8**	●
3.250	4.3750	0.7500	0.0630 (1.6)	35.80	86.50	**XW 3.1/4**	●
	4.8125	1.2500	0.1260 (3.2)	90.50	180.00	**W 3.1/4**	●
3.375	4.9375	1.2500	0.1260 (3.2)	89.50	180.00	**W 3.3/8**	●
3.500	4.6250	0.7500	0.0630 (1.6)	36.80	92.50	**XW 3.1/2**	●
	5.0625	1.2500	0.1260 (3.2)	88.50	180.00	**W 3.1/2**	●
	6.4375	2.5000	0.1260 (3.2)	274.00	490.00	**MT 3.1/2**	●
3.625	5.1875	1.2500	0.1260 (3.2)	94.50	200.00	**W 3.5/8**	●
3.750	4.8750	0.7500	0.0630 (1.6)	37.70	98.50	**XW 3.3/4**	●
	5.3125	1.2500	0.1260 (3.2)	93.50	200.00	**W 3.3/4**	●
3.875	5.6875	1.3750	0.1260 (3.2)	107.00	222.00	**W 3.7/8**	●
4.000	5.2500	0.8750	0.0945 (2.4)	49.50	124.00	**XW 4**	●
	5.8125	1.3750	0.1260 (3.2)	122.00	258.00	**W 4**	●
	7.2500	2.8125	0.1260 (3.2)	305.00	592.00	**MT 4**	●
4.250	6.3125	1.7500	0.1260 (3.2)	153.00	320.00	**W 4.1/4**	●
4.500	5.7500	1.0000	0.0945 (2.4)	50.50	133.00	**XW 4.1/2**	●
	6.5625	1.7500	0.1890 (4.8)	150.00	320.00	**W 4.1/2**	●
	8.3750	3.3750	0.1890 (4.8)	398.00	853.00	**MT 4.1/2**	●
4.750	7.0625	2.0000	0.1890 (4.8)	203.00	435.00	**W 4.3/4**	
5.000	6.5000	1.1250	0.0945 (2.4)	67.00	181.00	**XW 5**	●
	7.3125	2.0000	0.1890 (4.8)	201.00	435.00	**W 5**	●
	9.5000	4.0000	0.1890 (4.8)	473.00	1064.00	**MT 5**	●
5.500	7.0000	1.1250	0.0945 (2.4)	68.50	193.00	**XW 5.1/2**	●
	8.0625	2.1875	0.1890 (4.8)	258.00	568.00	**W 5.1/2**	●
	10.3750	4.2500	0.1890 (4.8)	486.00	1110.00	**MT 5.1/2**	●
6.000	7.6250	1.2500	0.1260 (3.2)	88.00	253.00	**XW 6**	●

Dimensions inch (mm)				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
	8.6875	2.3750	0.1890 (4.8)	280.00	642.00	**W 6**	●
	11.1250	4.5000	0.1890 (4.8)	564.00	1390.00	**MT 6**	●
6.500	8.1250	1.2500	0.1260 (3.2)	90.00	268.00	**XW 6.1/2**	●
	9.4063	2.5000	0.250 (6.35)	312.00	759.00	**W 6.1/2**	●
7.000	8.7500	1.3750	0.1260 (3.2)	113.00	340.00	**XW 7**	●
	10.1250	2.6250	0.250 (6.35)	346.00	891.00	**W 7**	●
	12.7500	5.0000	0.250 (6.35)	619.00	1599.00	**MT 7**	●
7.500	9.2500	1.3750	0.1260 (3.2)	115.00	360.00	**XW 7.1/2**	●
	10.8750	2.7500	0.250 (6.35)	310.00	799.00	**W 7.1/2**	●
8.000	10.0000	1.5000	0.1260 (3.2)	135.00	419.00	**XW 8**	●
	11.6250	3.0000	0.250 (6.35)	339.00	888.00	**W 8**	●
	14.3750	5.6250	0.250 (6.35)	713.00	1974.00	**MT 8**	●
8.500	10.5000	1.5000	0.1260 (3.2)	138.00	444.00	**XW 8.1/2**	●
9.000	11.2500	1.8750	0.1890 (4.8)	191.00	604.00	**XW 9**	●
	13.1250	3.5000	0.250 (6.35)	445.00	1277.00	**W 9**	●
	16.6250	6.7500	0.250 (6.35)	931.00	2840.00	**MT 9**	●
9.500	11.7500	1.8750	0.1890 (4.8)	196.00	640.00	**XW 9.1/2**	●
10.000	12.5000	2.1250	0.1890 (4.8)	246.00	770.00	**XW 10**	●
	14.6250	4.0000	0.3110 (7.9)	561.00	1740.00	**W 10**	●
10.500	13.0000	2.1250	0.1890 (4.8)	253.00	823.00	**XW 10.1/2**	●
11.000	13.7500	2.3750	0.1890 (4.8)	276.00	885.00	**XW 11**	●
	15.8750	4.2500	0.3110 (7.9)	613.00	2000.00	**W 11**	●
11.500	14.2500	2.3750	0.1890 (4.8)	284.00	943.00	**XW 11.1/2**	●
12.000	15.0000	2.5000	0.1890 (4.8)	307.00	1010.00	**XW 12**	●
	17.3750	4.5000	0.3110 (7.9)	667.00	2274.00	**W 12**	●
12.500	15.5000	2.6250	0.250 (6.35)	317.00	1072.00	**XW 12.1/2**	●
13.000	16.2500	2.7500	0.250 (6.35)	333.00	1140.00	**XW 13**	●
13.500	16.7500	2.8750	0.250 (6.35)	363.00	1280.00	**XW 13.1/2**	●
14.000	17.5000	3.0000	0.250 (6.35)	376.00	1330.00	**XW 14**	●
14.500	18.0000	3.1250	0.250 (6.35)	407.00	1480.00	**XW 14.1/2**	●
15.000	18.7500	3.2500	0.250 (6.35)	419.00	1570.00	**XW 15**	●
15.500	19.2500	3.3750	0.250 (6.35)	434.00	1630.00	**XW 15.1/2**	●
16.000	20.0000	3.5000	0.250 (6.35)	464.00	1790.00	**XW 16**	●
16.500	20.5000	3.6250	0.250 (6.35)	481.00	1910.00	**XW 16.1/2**	●
17.000	21.2500	3.7500	0.250 (6.35)	514.00	2081.00	**XW 17**	●
17.500	21.7500	3.8750	0.3110 (7.9)	548.00	2270.00	**XW 17.1/2**	●
18.000	22.5000	4.0000	0.3110 (7.9)	543.00	2270.00	**XW 18**	●

Ball Bearings

Full Complement Thrust
Inch Series

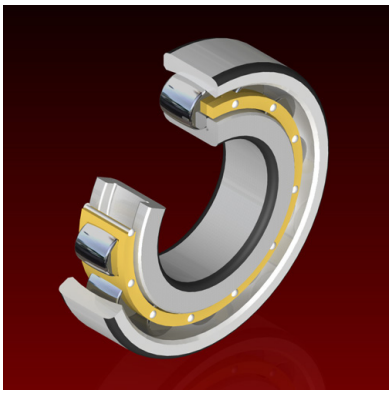
D

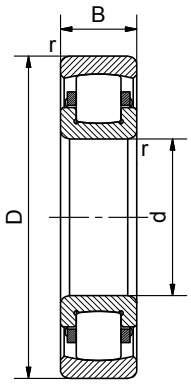


Dimensions inch			Load Rating kN		AEC Bearing
d	D	B	Dynamic (C)	Static (C_O)	
0.500	1.2190	0.5625	14.5	15.4	**D 1**
0.625	1.3438	0.5625	15.5	20.3	**D 3**
0.750	1.4688	0.5625	16.0	22.8	**D 5**
0.875	1.8438	0.6250	24.0	40.3	**D 7**
1.000	1.9688	0.6250	25.1	43.2	**D 9**
1.125	2.0940	0.6250	25.8	47.0	**D 11**
1.250	2.3438	0.6250	27.0	54.4	**D 13**
1.375	2.4687	0.6250	27.5	58.4	**D 15**
1.500	2.5938	0.6250	28.3	66.7	**D 17**
1.750	3.0938	0.8125	39.3	96.0	**D 21**
2.000	3.3438	0.8125	40.8	107.0	**D 25**
2.250	3.7190	0.8125	42.0	118.0	**D 29**
2.438	3.8438	0.8125	43.2	122.5	**D 32**
2.500	3.9688	0.8125	43.2	129.0	**D 33**
2.750	4.4690	1.0000	68.5	190.0	**D 37**
2.813	4.4690	1.0000	68.5	190.0	**D 38**
3.000	4.5940	1.0000	68.5	190.0	**D 39.1/2**
3.000	4.7190	1.0000	70.5	198.2	**D 40**
3.250	4.9690	1.0000	72.6	218.0	**D 41**

Barrel Roller Bearings

Metric Series **202, 203**





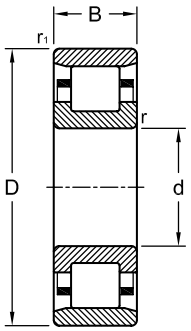
Dimensions mm				Load Rating kN		AEC Bearing	K	M
d	D	B	r	Dynamic (C)	Static (C_O)			
20	47	14	1.0	20.4	19.3	**20204**	•	•
	52	15	1.1	27.0	24.5	**20304**	•	•
25	52	15	1.0	24.0	25.0	**20205**	•	•
	62	17	1.1	36.0	34.5	**20305**	•	•
30	62	16	1.0	27.5	28.5	**20206**	•	•
	72	19	1.1	49.0	49.0	**20306**	•	•
35	72	17	1.1	40.5	43.0	**20207**	•	•
	80	21	1.5	58.5	61.0	**20307**	•	•
40	80	18	1.1	49.0	53.0	**20208**	•	•
	90	23	1.5	76.5	81.5	**20308**	•	•
45	85	19	1.1	52.0	57.0	**20209**	•	•
	100	25	1.5	86.5	95.0	**20309**	•	•
50	90	20	1.1	58.5	68.0	**20210**	•	•
	110	27	2.0	108.0	118.0	**20310**	•	•
55	100	21	1.5	73.5	85.0	**20211**	•	•
	120	29	2.0	120.0	137.0	**20311**	•	•
60	110	22	1.5	85.0	100.0	**20212**	•	•
	130	31	2.1	146.0	170.0	**20312**	•	•
65	120	23	1.5	95.0	116.0	**20213**	•	•
	140	33	2.1	170.0	196.0	**20313**	•	•
70	125	24	1.5	106.0	134.0	**20214**	•	•
	150	35	2.1	183.0	216.0	**20314**	•	•
75	130	25	1.5	112.0	143.0	**20215**	•	•
	160	37	2.1	216.0	255.0	**20315**	•	•
80	140	26	2.0	125.0	163.0	**20216**	•	•
	170	39	2.1	245.0	285.0	**20316**	•	•
85	150	28	2.0	156.0	200.0	**20217**	•	•
	180	41	3.0	270.0	320.0	**20317**	•	•

Dimensions mm				Load Rating kN		AEC Bearing	K	M
d	D	B	r	Dynamic (C)	Static (C_O)			
90	160	30	2.0	173.0	220.0	**20218**	•	•
	190	43	3.0	300.0	360.0	**20318**	•	•
95	170	32	2.1	208.0	265.0	**20219**	•	•
	200	45	3.0	335.0	400.0	**20319**	•	•
100	180	34	2.1	224.0	290.0	**20220**	•	•
	215	47	3.0	365.0	440.0	**20320**	•	•
105	190	36	2.1	245.0	315.0	**20221**	•	•
	225	49	3.0	375.0	480.0	**20321**	•	•
110	200	38	2.1	285.0	375.0	**20222**	•	•
	240	50	3.0	430.0	520.0	**20322**	•	•
120	215	40	2.1	305.0	415.0	**20224**	•	•
	260	55	3.0	490.0	630.0	**20324**	•	•
130	230	40	3.0	335.0	450.0	**20226**	•	•
	280	58	4.0	550.0	720.0	**20326**	•	•
140	250	42	3.0	390.0	530.0	**20228**	•	•
	300	62	4.0	640.0	850.0	**20328**	•	•
150	270	45	3.0	430.0	610.0	**20230**	•	•
	320	65	4.0	720.0	950.0	**20330**	•	•
160	290	48	3.0	500.0	720.0	**20232**	•	•
	340	68	4.0	780.0	1050.0	**20332**	•	•
170	310	52	4.0	570.0	830.0	**20234**	•	•
	360	72	4.0	870.0	1165.0	**20334**	•	•
180	320	52	4.0	285.0	850.0	**20236**	•	•
	380	75	4.0	935.0	1260.0	**20336**	•	•
190	340	55	4.0	640.0	950.0	**20238**	•	•
	400	78	5.0	1025.0	1338.0	**20338**	•	•
200	360	58	4.0	735.0	1080.0	**20240**	•	•
	420	80	5.0	1060.0	1420.0	**20340**	•	•
220	400	62	4.0	880.0	1320.0	**20244**	•	•
	460	88	5.0	1290.0	1755.0	**20344**	•	•
240	440	72	4.0	1060.0	1600.0	**20248**	•	•
	500	95	5.0	1550.0	2100.0	**20348**	•	•
260	480	80	5.0	1270.0	1930.0	**20252**	•	•
280	500	80	5.0	1290.0	2000.0	**20256**	•	•

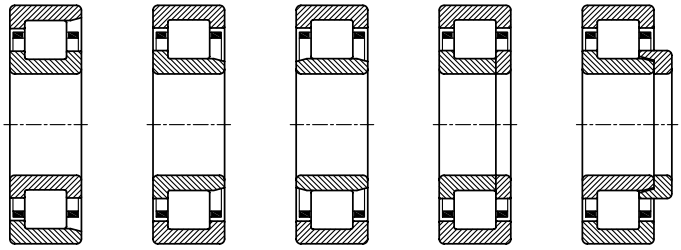
Cylindrical Roller Bearings

Single Row
Metric Series

N, NF, NJ, NU, NUP



N



Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
15	35	11	0.6	0.3	9.8	7.8	**N 202**		
	35	11	0.6	0.3	12.5	10.2	**N 202 E**		
	35	11	0.6	0.3	9.8	7.8	**NF 202**		
	35	11	0.6	0.3	12.5	10.2	**NF 202 E**		
	35	11	0.6	0.3	9.8	7.8	**NJ 202**		
	35	11	0.6	0.3	12.5	10.2	**NJ 202 E**		•
	35	11	0.6	0.3	9.8	7.8	**NU 202**		
	35	11	0.6	0.3	12.5	10.2	**NU 202 E**		•
	42	13	1	0.6	14.2	10.7	**N 302**		
	42	13	1	0.6	19.4	15.3	**N 302 E**		
	42	13	1	0.6	14.2	10.7	**NF 302**		
	42	13	1	0.6	19.4	15.3	**NF 302 E**		
	42	13	1	0.6	14.2	10.7	**NJ 302**		
	42	13	1	0.6	19.4	15.3	**NJ 302 E**		•
	42	13	1	0.6	14.2	10.7	**NU 302**		
	42	13	1	0.6	19.4	15.3	**NU 302 E**		•
17	40	12	0.6	0.3	11.4	8.6	**N 203**		
	40	12	0.6	0.3	17.2	14.3	**N 203 E**		
	40	12	0.6	0.3	11.4	8.6	**NF 203**		
	40	12	0.6	0.3	17.2	14.3	**NF 203 E**		
	40	12	0.6	0.3	11.4	8.6	**NJ 203**		
	40	12	0.6	0.3	17.2	14.3	**NJ 203 E**		•
	40	12	0.6	0.3	11.4	8.6	**NU 203**		
	40	12	0.6	0.3	17.2	14.3	**NU 203 E**		•
	40	12	0.6	0.3	11.4	8.6	**NUP 203**		
	40	12	0.6	0.3	17.2	14.3	**NUP 203 E**		
	40	16	0.6	0.3	15.4	13.0	**NJ 2203**		
	40	16	0.6	0.3	23.8	21.6	**NJ 2203 E**		•
	40	16	0.6	0.3	15.4	13.0	**NU 2203**		
	40	16	0.6	0.3	23.8	21.6	**NU 2203 E**		•

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	40	16	0.6	0.3	15.4	13.0	**NUP 2203**		
	40	16	0.6	0.3	23.8	21.6	**NUP 2203 E**		
	47	14	1	0.6	18.8	14.8	**N 303**		
	47	14	1	0.6	24.6	20.4	**N 303 E**		
	47	14	1	0.6	18.8	14.8	**NF 303**		
	47	14	1	0.6	24.6	20.4	**NF 303 E**		
	47	14	1	0.6	18.8	14.8	**NJ 303**		
	47	14	1	0.6	24.6	20.4	**NJ 303 E**	●	●
	47	14	1	0.6	18.8	14.8	**NU 303**		
	47	14	1	0.6	24.6	20.4	**NU 303 E**	●	●
	47	14	1	0.6	18.8	14.8	**NUP 303**		
	47	14	1	0.6	24.6	20.4	**NUP 303 E**	●	
20	47	14	1	0.6	15.5	12.0	**N 204**		
	47	14	1	0.6	25.1	22.0	**N 204 E**		
	47	14	1	0.6	15.5	12.0	**NF 204**		
	47	14	1	0.6	25.1	22.0	**NF 204 E**		
	47	14	1	0.6	15.5	12.0	**NJ 204**	●	
	47	14	1	0.6	25.1	22.0	**NJ 204 E**		●
	47	14	1	0.6	15.5	12.0	**NU 204**	●	
	47	14	1	0.6	25.1	22.0	**NU 204 E**		●
	47	14	1	0.6	15.5	12.0	**NUP 204**	●	
	47	14	1	0.6	25.1	22.0	**NUP 204 E**		
	47	18	1	0.6	21.0	17.8	**NJ 2204**		
	47	18	1	0.6	29.7	27.5	**NJ 2204 E**		●
	47	18	1	0.6	21.0	17.8	**NU 2204**		
	47	18	1	0.6	29.7	27.5	**NU 2204 E**		●
	47	18	1	0.6	21.0	17.8	**NUP 2204**		
	47	18	1	0.6	29.7	27.5	**NUP 2204 E**		
	52	15	1	0.6	21.7	16.6	**N 304**		
	52	15	1	0.6	30.8	26.0	**N 304 E**		
	52	15	1.1	0.6	21.7	16.6	**NF 304**		
	52	15	1.1	0.6	30.8	26.0	**NF 304 E**		
	52	15	1.1	0.6	21.7	16.6	**NJ 304**	●	
	52	15	1.1	0.6	30.8	26.0	**NJ 304 E**	●	
	52	15	1.1	0.6	21.7	16.6	**NU 304**	●	
	52	15	1.1	0.6	30.8	26.0	**NU 304 E**	●	
	52	15	1.1	0.6	21.7	16.6	**NUP 304**		
	52	15	1.1	0.6	30.8	26.0	**NUP 304 E**		
	52	21	1.1	0.6	31.2	26.5	**NJ 2304**	●	
	52	21	1.1	0.6	41.3	38.0	**NJ 2304 E**	●	
	52	21	1.1	0.6	31.2	26.5	**NU 2304**	●	
	52	21	1.1	0.6	41.3	38.0	**NU 2304 E**	●	
	52	21	1.1	0.6	31.2	26.5	**NUP 2304**		
	52	21	1.1	0.6	41.3	38.0	**NUP 2304 E**		
25	47	12	0.6	0.3	14.2	13.2	**N 1005**		
	47	12	0.6	0.3	14.2	13.2	**NJ 1005**		

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	47	12	0.6	0.3	14.2	13.2	**NU 1005**		
	47	12	0.6	0.3	14.2	13.2	**NUP 1005**		
	52	15	1	0.6	17.7	14.8	**N 205**		
	52	15	1	0.6	28.6	27.0	**N 205 E**		
	52	15	1	0.6	17.7	14.8	**NF 205**		
	52	15	1	0.6	28.6	27.0	**NF 205 E**		
	52	15	1	0.6	17.7	14.8	**NJ 205**		
	52	15	1	0.6	28.6	27.0	**NJ 205 E**	●	
	52	15	1	0.6	17.7	14.8	**NU 205**		
	52	15	1	0.6	28.6	27.0	**NU 205 E**	●	
	52	15	1	0.6	17.7	14.8	**NUP 205**		
	52	15	1	0.6	28.6	27.0	**NUP 205 E**		
	52	18	1	0.6	24.1	22.0	**NJ 2205**	●	
	52	18	1	0.6	34.1	34.0	**NJ 2205 E**		●
	52	18	1	0.6	24.1	22.0	**NU 2205**		●
	52	18	1	0.6	34.1	34.0	**NU 2205 E**		●
	52	18	1	0.6	24.1	22.0	**NUP 2205**		
	52	18	1	0.6	34.1	34.0	**NUP 2205 E**		
	62	17	1.1	1.1	29.8	24.3	**N 305**		
	62	17	1.1	1.1	40.2	36.5	**N 305 E**		
	62	17	1.1	1.1	29.8	24.3	**NF 305**		
	62	17	1.1	1.1	40.2	36.5	**NF 305 E**		
	62	17	1.1	1.1	29.8	24.3	**NJ 305**	●	●
	62	17	1.1	1.1	40.2	36.5	**NJ 305 E**		●
	62	17	1.1	1.1	29.8	24.3	**NU 305**	●	●
	62	17	1.1	1.1	40.2	36.5	**NU 305 E**		●
	62	17	1.1	1.1	29.8	24.3	**NUP 305**	●	
	62	17	1.1	1.1	40.2	36.5	**NUP 305 E**		
	62	24	1.1	1.1	43.9	40.0	**NJ 2305**		●
	62	24	1.1	1.1	56.1	55.0	**NJ 2305 E**		●
	62	24	1.1	1.1	43.9	40.0	**NU 2305**		●
	62	24	1.1	1.1	56.1	55.0	**NU 2305 E**		●
	62	24	1.1	1.1	43.9	40.0	**NUP 2305**		
	62	24	1.1	1.1	56.1	55.0	**NUP 2305 E**		
	80	21	1.5	1.5	47.1	38.1	**N 405**		
	80	21	1.5	1.5	47.1	38.1	**NJ 405**		
	80	21	1.5	1.5	47.1	38.1	**NU 405**		
	80	21	1.5	1.5	47.1	38.1	**NUP 405**		
30	55	13	1	0.6	17.9	17.3	**N 1006**		
	55	13	1	0.6	17.9	17.3	**NJ 1006**		
	55	13	1	0.6	17.9	17.3	**NU 1006**		
	55	13	1	0.6	17.9	17.3	**NUP 1006**		
	62	16	1	0.6	23.7	20.6	**N 206**		
	62	16	1	0.6	38.0	36.5	**N 206 E**		
	62	16	1	0.6	23.7	20.6	**NF 206**		
	62	16	1	0.6	38.0	36.5	**NF 206 E**		

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	62	16	1	0.6	23.7	20.6	**NJ 206**	●	
	62	16	1	0.6	38.0	36.5	**NJ 206 E**	●	
	62	16	1	0.6	23.7	20.6	**NU 206**	●	
	62	16	1	0.6	38.0	36.5	**NU 206 E**	●	
	62	16	1	0.6	23.7	20.6	**NUP 206**		
	62	16	1	0.6	38.0	36.5	**NUP 206 E**		
	62	20	1	0.6	33.6	32.2	**N 2206**		
	62	20	1	0.6	48.4	49.0	**N 2206 E**		
	62	20	1	0.6	33.6	32.2	**NJ 2206**	●	
	62	20	1	0.6	48.4	49.0	**NJ 2206 E**	●	
	62	20	1	0.6	33.6	32.2	**NU 2206**	●	
	62	20	1	0.6	48.4	49.0	**NU 2206 E**	●	
	62	20	1	0.6	33.6	32.2	**NUP 2206**		
	62	20	1	0.6	48.4	49.0	**NUP 2206 E**		
	72	19	1.1	1.1	38.7	33.2	**N 306**		
	72	19	1.1	1.1	51.2	48.0	**N 306 EC**		
	72	19	1.1	1.1	38.7	33.2	**NF 306**		
	72	19	1.1	1.1	51.2	48.0	**NF 306 EC**		
	72	19	1.1	1.1	38.7	33.2	**NJ 306**	●	
	72	19	1.1	1.1	51.2	48.0	**NJ 306 E**	●	
	72	19	1.1	1.1	38.7	33.2	**NU 306**	●	
	72	19	1.1	1.1	51.2	48.0	**NU 306 E**	●	
	72	19	1.1	1.1	38.7	33.2	**NUP 306**		
	72	19	1.1	1.1	51.2	48.0	**NUP 306 E**		
	72	27	1.1	1.1	52.3	48.9	**NJ 2306**		
	72	27	1.1	1.1	73.7	75.0	**NJ 2306 E**	●	
	72	27	1.1	1.1	52.3	48.9	**NU 2306**		
	72	27	1.1	1.1	73.7	75.0	**NU 2306 E**		●
	72	27	1.1	1.1	52.3	48.9	**NUP 2306**		
	72	27	1.1	1.1	73.7	75.0	**NUP 2306 E**		
	90	23	1.5	1.5	60.5	53.0	**N 406**		
	90	23	1.5	1.5	60.5	53.0	**NJ 406**		●
	90	23	1.5	1.5	60.5	53.0	**NU 406**		●
	90	23	1.5	1.5	60.5	53.0	**NUP 406**		
35	62	14	1	0.6	35.8	38.0	**N 1007**		
	62	14	1	0.6	35.8	38.0	**NJ 1007**		
	62	14	1	0.6	35.8	38.0	**NU 1007**		
	62	14	1	0.6	35.8	38.0	**NUP 1007**		
	72	17	1.1	0.6	33.5	29.6	**N 207**	●	
	72	17	1.1	0.6	48.4	48.0	**N 207 EC**		
	72	17	1.1	0.6	33.5	29.6	**NF 207**	●	
	72	17	1.1	0.6	48.4	48.0	**NF 207 EC**		
	72	17	1.1	0.6	33.5	29.6	**NJ 207**	●	●
	72	17	1.1	0.6	48.4	48.0	**NJ 207 EC**		●
	72	17	1.1	0.6	33.5	29.6	**NU 207**	●	●
	72	17	1.1	0.6	48.4	48.0	**NU 207 EC**		●

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	72	17	1.1	0.6	33.5	29.6	**NUP 207**	●	
	72	17	1.1	0.6	48.4	48.0	**NUP 207 EC**		
	72	23	1.1	0.6	49.8	49.3	**N 2207**		
	72	23	1.1	0.6	59.4	63.0	**N 2207 EC**		
	72	23	1.1	0.6	49.8	49.3	**NJ 2207**		●
	72	23	1.1	0.6	59.4	63.0	**NJ 2207 EC**		●
	72	23	1.1	0.6	49.8	49.3	**NU 2207**		●
	72	23	1.1	0.6	59.4	63.0	**NU 2207 EC**		●
	72	23	1.1	0.6	49.8	49.3	**NUP 2207**		
	72	23	1.1	0.6	59.4	63.0	**NUP 2207 EC**		
	80	21	1.5	1.1	46.8	40.9	**N 307**		
	80	21	1.5	1.1	64.4	63.0	**N 307 EC**		
	80	21	1.5	1.1	46.8	40.9	**NF 307**		
	80	21	1.5	1.1	64.4	63.0	**NF 307 EC**		
	80	21	1.5	1.1	46.8	40.9	**NJ 307**	●	●
	80	21	1.5	1.1	64.4	63.0	**NJ 307 E**	●	●
	80	21	1.5	1.1	46.8	40.9	**NU 307**	●	●
	80	21	1.5	1.1	64.4	63.0	**NU 307 E**	●	●
	80	21	1.5	1.1	46.8	40.9	**NUP 307**	●	
	80	21	1.5	1.1	64.4	63.0	**NUP 307 E**	●	
	80	31	1.5	1.1	61.5	58.1	**NJ 2307**	●	
	80	31	1.5	1.1	91.3	98.0	**NJ 2307 EC**		●
	80	31	1.5	1.1	61.5	58.1	**NU 2307**	●	
	80	31	1.5	1.1	91.3	98.0	**NU 2307 EC**		●
	80	31	1.5	1.1	61.5	58.1	**NUP 2307**	●	
	80	31	1.5	1.1	91.3	98.0	**NUP 2307 EC**		
	100	25	1.5	1.5	76.5	69.5	**N 407**		
	100	25	1.5	1.5	76.5	69.5	**NJ 407**		●
	100	25	1.5	1.5	76.5	69.5	**NU 407**		●
	100	25	1.5	1.5	76.5	69.5	**NUP 407**		
40	68	15	1	0.6	25.1	26.0	**N 1008**		
	68	15	1	0.6	25.1	26.0	**NJ 1008**		
	68	15	1	0.6	25.1	26.0	**NU 1008**		
	68	15	1	0.6	25.1	26.0	**NUP 1008**		
	80	18	1.1	1.1	43.8	40.5	**N 208**		
	80	18	1.1	1.1	53.9	53.0	**N 208 EC**		
	80	18	1.1	1.1	43.8	40.5	**NF 208**		
	80	18	1.1	1.1	53.9	53.0	**NF 208 EC**		
	80	18	1.1	1.1	43.8	40.5	**NJ 208**	●	●
	80	18	1.1	1.1	53.9	53.0	**NJ 208 E**		●
	80	18	1.1	1.1	43.8	40.5	**NU 208**	●	●
	80	18	1.1	1.1	53.9	53.0	**NU 208 E**		●
	80	18	1.1	1.1	43.8	40.5	**NUP 208**	●	
	80	23	1.1	1.1	59.2	59.6	**N 2208**		
	80	23	1.1	1.1	70.4	75.0	**N 2208 EC**		
	80	23	1.1	1.1	59.2	59.6	**NJ 2208**		

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	80	23	1.1	1.1	70.4	75.0	**NJ 2208 E**		
	80	23	1.1	1.1	59.2	59.6	**NU 2208**		
	80	23	1.1	1.1	70.4	75.0	**NU 2208 E**		
	80	23	1.1	1.1	59.2	59.6	**NUP 2208**		
	80	23	1.1	1.1	70.4	75.0	**NUP 2208 E**		
	90	23	1.5	1.5	59.3	54.3	**N 308**	●	
	90	23	1.5	1.5	80.9	78.0	**N 308 EC**		
	90	23	1.5	1.5	59.3	54.3	**NF 308**	●	
	90	23	1.5	1.5	80.9	78.0	**NF 308 EC**		
	90	23	1.5	1.5	59.3	54.3	**NJ 308**		
	90	23	1.5	1.5	80.9	78.0	**NJ 308 EC**		
	90	23	1.5	1.5	59.3	54.3	**NU 308**		
	90	23	1.5	1.5	80.9	78.0	**NU 308 E**		
	90	23	1.5	1.5	59.3	54.3	**NUP 308**		
	90	23	1.5	1.5	80.9	78.0	**NUP 308 E**		
	90	33	1.5	1.5	84.3	85.4	**NJ 2308**		
	90	33	1.5	1.5	112.0	120.0	**NJ 2308 E**		
	90	33	1.5	1.5	84.3	85.4	**NU 2308**		
	90	33	1.5	1.5	112.0	120.0	**NU 2308 E**		
	90	33	1.5	1.5	84.3	85.4	**NUP 2308**		
	90	33	1.5	1.5	112.0	120.0	**NUP 2308 E**		
	110	27	2	2	96.8	90.0	**N 408**		
	110	27	2	2	96.8	90.0	**NJ 408**		
	110	27	2	2	96.8	90.0	**NU 408**		
	110	27	2	2	96.8	90.0	**NUP 408**		
45	75	16	1	0.6	28.1	27.7	**N 1009**		
	75	16	1	0.6	44.6	52.0	**N 1009 E**		
	75	16	1	0.6	28.1	27.7	**NJ 1009**	●	
	75	16	1	0.6	44.6	52.0	**NJ 1009 E**		
	75	16	1	0.6	28.1	27.7	**NU 1009**	●	
	75	16	1	0.6	44.6	52.0	**NU 1009 E**		
	75	16	1	0.6	28.1	27.7	**NUP 1009**	●	
	75	16	1	0.6	44.6	52.0	**NUP 1009 E**		
	85	19	1.1	1.1	46.2	44.3	**N 209**		
	85	19	1.1	1.1	60.5	64.0	**N 209 E**		
	85	19	1.1	1.1	46.2	44.3	**NF 209**		
	85	19	1.1	1.1	60.5	64.0	**NF 209 E**		
	85	19	1.1	1.1	46.2	44.3	**NJ 209**	●	●
	85	19	1.1	1.1	60.5	64.0	**NJ 209 E**		●
	85	19	1.1	1.1	46.2	44.3	**NU 209**	●	●
	85	19	1.1	1.1	60.5	64.0	**NU 209 E**		●
	85	19	1.1	1.1	46.2	44.3	**NUP 209**	●	
	85	19	1.1	1.1	60.5	64.0	**NUP 209 E**		
	85	23	1.1	1.1	62.3	65.2	**NJ 2209**	●	
	85	23	1.1	1.1	73.7	81.5	**NJ 2209 E**	●	●
	85	23	1.1	1.1	62.3	65.2	**NU 2209**	●	

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	85	23	1.1	1.1	73.7	81.5	**NU 2209 E**	●	●
	85	23	1.1	1.1	62.3	65.2	**NUP 2209**	●	
	85	23	1.1	1.1	73.7	81.5	**NUP 2209 E**	●	
	100	25	1.5	1.5	75.0	68.3	**N 309**	●	
	100	25	1.5	1.5	99.0	100.0	**N 309 EC**		
	100	25	1.5	1.5	75.0	68.3	**NF 309**		
	100	25	1.5	1.5	99.0	100.0	**NF 309 EC**		
	100	25	1.5	1.5	75.0	68.3	**NJ 309**	●	●
	100	25	1.5	1.5	99.0	100.0	**NJ 309 E**		●
	100	25	1.5	1.5	75.0	68.3	**NU 309**	●	●
	100	25	1.5	1.5	99.0	100.0	**NU 309 E**		●
	100	25	1.5	1.5	75.0	68.3	**NUP 309**	●	
	100	25	1.5	1.5	99.0	100.0	**NUP 309 E**		
	100	36	1.5	1.5	102.0	101.0	**NJ 2309**		●
	100	36	1.5	1.5	138.0	153.0	**NJ 2309 E**		●
	100	36	1.5	1.5	102.0	101.0	**NU 2309**		●
	100	36	1.5	1.5	138.0	153.0	**NU 2309 E**		●
	100	36	1.5	1.5	102.0	101.0	**NUP 2309**		
	100	36	1.5	1.5	138.0	153.0	**NUP 2309 E**		
	120	29	2	2	106.0	102.0	**N 409**		
	120	29	2	2	106.0	102.0	**NJ 409**		●
	120	29	2	2	106.0	102.0	**NU 409**		●
	120	29	2	2	106.0	102.0	**NUP 409**		
50	80	16	1	1	34.5	34.5	**N 1010**		
	80	16	1	1	34.5	34.5	**NJ 1010**		
	80	16	1	1	34.5	34.5	**NU 1010**		
	80	16	1	1	34.5	34.5	**NUP 1010**		
	90	20	1.1	1.1	48.3	48.1	**N 210**		
	90	20	1.1	1.1	64.4	69.5	**N 210 E**		
	90	20	1.1	1.1	48.3	48.1	**NF 210**		
	90	20	1.1	1.1	64.4	69.5	**NF 210 E**		
	90	20	1.1	1.1	48.3	48.1	**NJ 210**	●	●
	90	20	1.1	1.1	64.4	69.5	**NJ 210 E**		●
	90	20	1.1	1.1	48.3	48.1	**NU 210**	●	●
	90	20	1.1	1.1	64.4	69.5	**NU 210 E**		●
	90	20	1.1	1.1	48.3	48.1	**NUP 210**	●	
	90	20	1.1	1.1	64.4	69.5	**NUP 210 E**		
	90	23	1.1	1.1	65.3	70.8	**NJ 2210**		
	90	23	1.1	1.1	78.1	88.0	**NJ 2210 E**		●
	90	23	1.1	1.1	65.3	70.8	**NU 2210**		
	90	23	1.1	1.1	78.1	88.0	**NU 2210 E**		●
	90	23	1.1	1.1	65.3	70.8	**NUP 2210**		
	90	23	1.1	1.1	78.1	88.0	**NUP 2210 E**		
	110	27	2	2	91.6	86.9	**N 310**		
	110	27	2	2	110.0	112.0	**N 310 E**		
	110	27	2	2	91.6	86.9	**NF 310**		

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	110	27	2	2	110.0	112.0	**NF 310 E**		
	110	27	2	2	91.6	86.9	**NJ 310**		●
	110	27	2	2	110.0	112.0	**NJ 310 E**		●
	110	27	2	2	91.6	86.9	**NU 310**		●
	110	27	2	2	110.0	112.0	**NU 310 E**		●
	110	27	2	2	91.6	86.9	**NUP 310**		
	110	27	2	2	110.0	112.0	**NUP 310 E**		
	110	40	2	2	127.0	132.0	**NJ 2310**		●
	110	40	2	2	161.0	186.0	**NJ 2310 E**		●
	110	40	2	2	127.0	132.0	**NU 2310**		●
	110	40	2	2	161.0	186.0	**NU 2310 E**		●
	110	40	2	2	127.0	132.0	**NUP 2310**		
	110	40	2	2	161.0	186.0	**NUP 2310 E**		
	130	31	2.1	2.1	130.0	127.0	**N 410**		
	130	31	2.1	2.1	130.0	127.0	**NJ 410**		●
	130	31	2.1	2.1	130.0	127.0	**NU 410**		●
	130	31	2.1	2.1	130.0	127.0	**NUP 410**		
55	90	18	1.1	1	35.9	38.7	**N 1011**		
	90	18	1.1	1	57.2	69.5	**N 1011 E**		
	90	18	1.1	1	35.9	38.7	**NJ 1011**		
	90	18	1.1	1	57.2	69.5	**NJ 1011 E**		
	90	18	1.1	1	35.9	38.7	**NU 1011**		
	90	18	1.1	1	57.2	69.5	**NU 1011 E**		
	90	18	1.1	1	35.9	38.7	**NUP 1011**		
	90	18	1.1	1	57.2	69.5	**NUP 1011 E**		
	100	21	1.5	1.1	58.4	59.2	**N 211**	●	
	100	21	1.5	1.1	84.2	95.0	**N 211 E**		
	100	21	1.5	1.1	58.4	59.2	**NF 211**		
	100	21	1.5	1.1	84.2	95.0	**NF 211 E**		
	100	21	1.5	1.1	58.4	59.2	**NJ 211**	●	
	100	21	1.5	1.1	84.2	95.0	**NJ 211 E**	●	
	100	21	1.5	1.1	58.4	59.2	**NU 211**	●	
	100	21	1.5	1.1	84.2	95.0	**NU 211 E**	●	
	100	21	1.5	1.1	58.4	59.2	**NUP 211**		
	100	21	1.5	1.1	84.2	95.0	**NUP 211 E**		
	100	25	1.5	1.1	76.7	84.1	**N 2211**		
	100	25	1.5	1.1	99.0	118.0	**N 2211 E**		
	100	25	1.5	1.1	76.7	84.1	**NJ 2211**		
	100	25	1.5	1.1	99.0	118.0	**NJ 2211 E**	●	
	100	25	1.5	1.1	76.7	84.1	**NU 2211**		
	100	25	1.5	1.1	99.0	118.0	**NU 2211 E**	●	
	100	25	1.5	1.1	76.7	84.1	**NUP 2211**		
	100	25	1.5	1.1	99.0	118.0	**NUP 2211 E**		
	120	29	2	2	108.0	101.0	**N 311**		
	120	29	2	2	138.0	143.0	**N 311 E**		
	120	29	2	2	108.0	101.0	**NF 311**		

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	120	29	2	2	138.0	143.0	**NF 311 E**		
	120	29	2	2	108.0	101.0	**NJ 311**	●	
	120	29	2	2	138.0	143.0	**NJ 311 E**	●	
	120	29	2	2	108.0	101.0	**NU 311**	●	
	120	29	2	2	138.0	143.0	**NU 311 E**	●	
	120	29	2	2	108.0	101.0	**NUP 311**		
	120	29	2	2	138.0	143.0	**NUP 311 E**		
	120	43	2	2	145.0	148.0	**NJ 2311**	●	
	120	43	2	2	201.0	232.0	**NJ 2311 E**	●	
	120	43	2	2	145.0	148.0	**NU 2311**	●	
	120	43	2	2	201.0	232.0	**NU 2311 E**	●	
	120	43	2	2	145.0	148.0	**NUP 2311**		
	120	43	2	2	201.0	232.0	**NUP 2311 E**		
	140	33	2.1	2.1	142.0	140.0	**N 411**		
	140	33	2.1	2.1	142.0	140.0	**NJ 411**	●	
	140	33	2.1	2.1	142.0	140.0	**NU 411**	●	
	140	33	2.1	2.1	142.0	140.0	**NUP 411**		
60	95	18	1.1	1	37.4	44.0	**N 1012**		
	95	18	1.1	1	37.4	44.0	**NJ 1012**		
	95	18	1.1	1	37.4	44.0	**NU 1012**		
	95	18	1.1	1	37.4	44.0	**NUP 1012**		
	110	22	1.5	1.5	68.2	70.1	**N 212**		
	110	22	1.5	1.5	93.5	102.0	**N 212 E**		
	110	22	1.5	1.5	68.2	70.1	**NF 212**		
	110	22	1.5	1.5	93.5	102.0	**NF 212 EC**		
	110	22	1.5	1.5	68.2	70.1	**NJ 212**	●	
	110	22	1.5	1.5	93.5	102.0	**NJ 212 EC**	●	
	110	22	1.5	1.5	68.2	70.1	**NU 212**	●	
	110	22	1.5	1.5	93.5	102.0	**NU 212 EC**	●	
	110	22	1.5	1.5	68.2	70.1	**NUP 212**		
	110	22	1.5	1.5	93.5	102.0	**NUP 212 EC**		
	110	28	1.5	1.5	97.5	111.0	**N 2212**		
	110	28	1.5	1.5	128.0	153.0	**N 2212 EC**		
	110	28	1.5	1.5	97.5	111.0	**NJ 2212**		
	110	28	1.5	1.5	128.0	153.0	**NJ 2212 EC**	●	
	110	28	1.5	1.5	97.5	111.0	**NU 2212**		
	110	28	1.5	1.5	128.0	153.0	**NU 2212 EC**	●	
	110	28	1.5	1.5	97.5	111.0	**NUP 2212**		
	110	28	1.5	1.5	128.0	153.0	**NUP 2212 EC**		
	130	31	2.1	2.1	129.0	126.0	**N 312**		
	130	31	2.1	2.1	151.0	160.0	**N 312 EC**		
	130	31	2.1	2.1	129.0	126.0	**NF 312**		
	130	31	2.1	2.1	151.0	160.0	**NF 312 EC**		
	130	31	2.1	2.1	129.0	126.0	**NJ 312**	●	
	130	31	2.1	2.1	151.0	160.0	**NJ 312 EC**		●
	130	31	2.1	2.1	129.0	126.0	**NU 312**		●

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	130	31	2.1	2.1	151.0	160.0	**NU 312 EC**		●
	130	31	2.1	2.1	129.0	126.0	**NUP 312**		
	130	31	2.1	2.1	151.0	160.0	**NUP 312 EC**		
	130	46	2.1	2.1	176.0	187.0	**NJ 2312**		●
	130	46	2.1	2.1	224.0	265.0	**NJ 2312 EC**		●
	130	46	2.1	2.1	176.0	187.0	**NU 2312**		●
	130	46	2.1	2.1	224.0	265.0	**NU 2312 EC**		●
	130	46	2.1	2.1	176.0	187.0	**NUP 2312**		
	130	46	2.1	2.1	224.0	265.0	**NUP 2312 EC**		
	150	35	2.1	2.1	168.0	173.0	**N 412**		
	150	35	2.1	2.1	168.0	173.0	**NJ 412**	●	●
	150	35	2.1	2.1	168.0	173.0	**NU 412**	●	●
	150	35	2.1	2.1	168.0	173.0	**NUP 412**	●	
65	100	18	1.1	1	38.0	46.5	**N 1013**		
	100	18	1.1	1	38.0	46.5	**NJ 1013**		
	100	18	1.1	1	38.0	46.5	**NU 1013**		
	100	18	1.1	1	38.0	46.5	**NUP 1013**		
	120	23	1.5	1.5	79.9	83.3	**N 213**		
	120	23	1.5	1.5	106.0	118.0	**N 213 EC**		
	120	23	1.5	1.5	79.9	83.3	**NF 213**		
	120	23	1.5	1.5	106.0	118.0	**NF 213 EC**		
	120	23	1.5	1.5	79.9	83.3	**NJ 213**		●
	120	23	1.5	1.5	106.0	118.0	**NJ 213 EC**		●
	120	23	1.5	1.5	79.9	83.3	**NU 213**		●
	120	23	1.5	1.5	106.0	118.0	**NU 213 EC**		●
	120	23	1.5	1.5	79.9	83.3	**NUP 213**		
	120	23	1.5	1.5	106.0	118.0	**NUP 213 EC**		
	120	31	1.5	1.5	116.0	135.0	**NJ 2213**		●
	120	31	1.5	1.5	147.0	180.0	**NJ 2213 EC**		●
	120	31	1.5	1.5	116.0	135.0	**NU 2213**		●
	120	31	1.5	1.5	147.0	180.0	**NU 2213 EC**		●
	120	31	1.5	1.5	116.0	135.0	**NUP 2213**		
	120	31	1.5	1.5	147.0	180.0	**NUP 2213 EC**		
	140	33	2.1	2.1	143.0	141.0	**N 313**		
	140	33	2.1	2.1	183.0	196.0	**N 313 EC**		
	140	33	2.1	2.1	143.0	141.0	**NF 313**		
	140	33	2.1	2.1	183.0	196.0	**NF 313 EC**		
	140	33	2.1	2.1	143.0	141.0	**NJ 313**		●
	140	33	2.1	2.1	183.0	196.0	**NJ 313 EC**		●
	140	33	2.1	2.1	143.0	141.0	**NU 313**		●
	140	33	2.1	2.1	183.0	196.0	**NU 313 EC**		●
	140	33	2.1	2.1	143.0	141.0	**NUP 313**		
	140	33	2.1	2.1	183.0	196.0	**NUP 313 EC**		
	140	48	2.1	2.1	198.0	215.0	**NJ 2313**		●
	140	48	2.1	2.1	251.0	290.0	**NJ 2313 EC**		●
	140	48	2.1	2.1	198.0	215.0	**NU 2313**		●

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	140	48	2.1	2.1	251.0	290.0	**NU 2313 EC**		●
	140	48	2.1	2.1	198.0	215.0	**NUP 2313**		
	140	48	2.1	2.1	251.0	290.0	**NUP 2313 EC**		
	160	37	2.1	2.1	183.0	190.0	**N 413**		
	160	37	2.1	2.1	183.0	190.0	**NJ 413**		●
	160	37	2.1	2.1	183.0	190.0	**NU 413**		●
	160	37	2.1	2.1	183.0	190.0	**NUP 413**		
70	110	20	1.1	1	56.1	67.2	**N 1014**		
	110	20	1.1	1	56.1	67.2	**NJ 1014**		
	110	20	1.1	1	56.1	67.2	**NU 1014**		
	110	20	1.1	1	56.1	67.2	**NUP 1014**		
	125	24	1.5	1.5	83.5	89.6	**N 214**	●	
	125	24	1.5	1.5	119.0	137.0	**N 214 EC**		
	125	24	1.5	1.5	83.5	89.6	**NF 214**	●	
	125	24	1.5	1.5	119.0	137.0	**NF 214 EC**		
	125	24	1.5	1.5	83.5	89.6	**NJ 214**		●
	125	24	1.5	1.5	119.0	137.0	**NJ 214 EC**		●
	125	24	1.5	1.5	83.5	89.6	**NU 214**		●
	125	24	1.5	1.5	119.0	137.0	**NU 214 EC**		●
	125	24	1.5	1.5	83.5	89.6	**NUP 214**		
	125	24	1.5	1.5	119.0	137.0	**NUP 214 EC**		
	125	31	1.5	1.5	121.0	145.0	**NJ 2214**	●	●
	125	31	1.5	1.5	154.0	193.0	**NJ 2214 EC**		●
	125	31	1.5	1.5	121.0	145.0	**NU 2214**	●	●
	125	31	1.5	1.5	154.0	193.0	**NU 2214 EC**		●
	125	31	1.5	1.5	121.0	145.0	**NUP 2214**	●	
	125	31	1.5	1.5	154.0	193.0	**NUP 2214 EC**		
	150	35	2.1	2.1	158.0	158.0	**N 314**		
	150	35	2.1	2.1	205.0	228.0	**N 314 EC**		
	150	35	2.1	2.1	158.0	158.0	**NF 314**		
	150	35	2.1	2.1	205.0	228.0	**NF 314 EC**		
	150	35	2.1	2.1	158.0	158.0	**NJ 314**	●	●
	150	35	2.1	2.1	205.0	228.0	**NJ 314 E**		●
	150	35	2.1	2.1	158.0	158.0	**NU 314**	●	●
	150	35	2.1	2.1	205.0	228.0	**NU 314 E**		●
	150	35	2.1	2.1	158.0	158.0	**NUP 314**	●	
	150	35	2.1	2.1	205.0	228.0	**NUP 314 E**		
	150	51	2.1	2.1	222.0	245.0	**NJ 2314**		
	150	51	2.1	2.1	275.0	325.0	**NJ 2314 E**		●
	150	51	2.1	2.1	222.0	245.0	**NU 2314**		
	150	51	2.1	2.1	275.0	325.0	**NU 2314 E**		●
	150	51	2.1	2.1	222.0	245.0	**NUP 2314**		
	150	51	2.1	2.1	275.0	325.0	**NUP 2314 E**		
	180	42	3	3	229.0	240.0	**N 414**		
	180	42	3	3	229.0	240.0	**NJ 414**		●
	180	42	3	3	229.0	240.0	**NU 414**		●

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	180	42	3	3	229.0	240.0	**NUP 414**		
75	115	20	1.1	1	58.3	71.0	**N 1015**		
	115	20	1.1	1	58.3	71.0	**NJ 1015**	●	
	115	20	1.1	1	58.3	71.0	**NU 1015**	●	
	115	20	1.1	1	58.3	71.0	**NUP 1015**	●	
	130	25	1.5	1.5	96.8	105.0	**N 215**		
	130	25	1.5	1.5	130.0	156.0	**N 215 E**		
	130	25	1.5	1.5	96.8	105.0	**NF 215**		
	130	25	1.5	1.5	130.0	156.0	**NF 215 E**		
	130	25	1.5	1.5	96.8	105.0	**NJ 215**		●
	130	25	1.5	1.5	130.0	156.0	**NJ 215 E**		●
	130	25	1.5	1.5	96.8	105.0	**NU 215**		●
	130	25	1.5	1.5	130.0	156.0	**NU 215 E**		●
	130	25	1.5	1.5	96.8	105.0	**NUP 215**		
	130	25	1.5	1.5	130.0	156.0	**NUP 215 E**		
	130	31	1.5	1.5	132.0	156.0	**NJ 2215**	●	●
	130	31	1.5	1.5	161.0	208.0	**NJ 2215 E**		●
	130	31	1.5	1.5	132.0	156.0	**NU 2215**	●	●
	130	31	1.5	1.5	161.0	208.0	**NU 2215 E**		●
	130	31	1.5	1.5	132.0	156.0	**NUP 2215**	●	
	130	31	1.5	1.5	161.0	208.0	**NUP 2215 E**		
	160	37	2.1	2.1	190.0	192.0	**N 315**		
	160	37	2.1	2.1	242.0	265.0	**N 315 EC**		
	160	37	2.1	2.1	190.0	192.0	**NF 315**		
	160	37	2.1	2.1	242.0	265.0	**NF 315 EC**		
	160	37	2.1	2.1	190.0	192.0	**NJ 315**	●	●
	160	37	2.1	2.1	242.0	265.0	**NJ 315 EC**		●
	160	37	2.1	2.1	190.0	192.0	**NU 315**	●	●
	160	37	2.1	2.1	242.0	265.0	**NU 315 EC**		●
	160	37	2.1	2.1	190.0	192.0	**NUP 315**	●	
	160	37	2.1	2.1	242.0	265.0	**NUP 315 EC**		
	160	55	2.1	2.1	272.0	305.0	**NJ 2315**		●
	160	55	2.1	2.1	330.0	400.0	**NJ 2315 EC**		●
	160	55	2.1	2.1	272.0	305.0	**NU 2315**		●
	160	55	2.1	2.1	330.0	400.0	**NU 2315 EC**		●
	160	55	2.1	2.1	272.0	305.0	**NUP 2315**		
	160	55	2.1	2.1	330.0	400.0	**NUP 2315 EC**		
	190	45	3	3	264.0	280.0	**N 415**		
	190	45	3	3	264.0	280.0	**NJ 415**		●
	190	45	3	3	264.0	280.0	**NU 415**		●
	190	45	3	3	264.0	280.0	**NUP 415**		
80	125	22	1.1	1	66.0	81.5	**N 1016**		
	125	22	1.1	1	66.0	81.5	**NJ 1016**		
	125	22	1.1	1	66.0	81.5	**NU 1016**		
	125	22	1.1	1	66.0	81.5	**NUP 1016**		

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	140	26	2	2	111.0	121.0	**N 216**		
	140	26	2	2	138.0	166.0	**N 216 EC**		
	140	26	2	2	111.0	121.0	**NF 216**		
	140	26	2	2	138.0	166.0	**NF 216 EC**		
	140	26	2	2	111.0	121.0	**NJ 216**		●
	140	26	2	2	138.0	166.0	**NJ 216 EC**		●
	140	26	2	2	111.0	121.0	**NU 216**		●
	140	26	2	2	138.0	166.0	**NU 216 EC**		●
	140	26	2	2	111.0	121.0	**NUP 216**		
	140	26	2	2	138.0	166.0	**NUP 216 EC**		
	140	33	2	2	154.0	185.0	**NJ 2216**		●
	140	33	2	2	187.0	245.0	**NJ 2216 EC**		●
	140	33	2	2	154.0	185.0	**NU 2216**		●
	140	33	2	2	187.0	245.0	**NU 2216 EC**		●
	140	33	2	2	154.0	185.0	**NUP 2216**		
	140	33	2	2	187.0	245.0	**NUP 2216 EC**		
	170	39	2.1	2.1	199.0	207.0	**N 316**		
	170	39	2.1	2.1	260.0	290.0	**N 316 EC**		
	170	39	2.1	2.1	199.0	207.0	**NF 316**		
	170	39	2.1	2.1	260.0	290.0	**NF 316 EC**		
	170	39	2.1	2.1	199.0	207.0	**NJ 316**		●
	170	39	2.1	2.1	260.0	290.0	**NJ 316 EC**		●
	170	39	2.1	2.1	199.0	207.0	**NU 316**		●
	170	39	2.1	2.1	260.0	290.0	**NU 316 EC**		●
	170	39	2.1	2.1	199.0	207.0	**NUP 316**		
	170	39	2.1	2.1	260.0	290.0	**NUP 316 EC**		
	170	58	2.1	2.1	287.0	332.0	**NJ 2316**		●
	170	58	2.1	2.1	358.0	440.0	**NJ 2316 EC**		●
	170	58	2.1	2.1	287.0	332.0	**NU 2316**		●
	170	58	2.1	2.1	358.0	440.0	**NU 2316 EC**		●
	170	58	2.1	2.1	287.0	332.0	**NUP 2316**		
	170	58	2.1	2.1	358.0	440.0	**NUP 2316 EC**		
	200	48	3	3	303.0	320.0	**N 416**		
	200	48	3	3	303.0	320.0	**NJ 416**		●
	200	48	3	3	303.0	320.0	**NU 416**		●
	200	48	3	3	303.0	320.0	**NUP 416**		
85	130	22	1.1	1	68.2	86.5	**N 1017**	●	
	130	22	1.1	1	68.2	86.5	**NJ 1017**	●	
	130	22	1.1	1	68.2	86.5	**NU 1017**	●	
	130	22	1.1	1	68.2	86.5	**NUP 1017**	●	
	150	28	2	2	125.0	139.0	**N 217**		
	150	28	2	2	165.0	200.0	**N 217 EC**		
	150	28	2	2	125.0	139.0	**NF 217**		
	150	28	2	2	165.0	200.0	**NF 217 EC**		
	150	28	2	2	125.0	139.0	**NJ 217**		●
	150	28	2	2	165.0	200.0	**NJ 217 EC**		●

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	150	28	2	2	125.0	139.0	**NU 217**	●	
	150	28	2	2	165.0	200.0	**NU 217 EC**	●	
	150	28	2	2	125.0	139.0	**NUP 217**		
	150	28	2	2	165.0	200.0	**NUP 217 EC**		
	150	36	2	2	177.0	217.0	**NJ 2217**	●	
	150	36	2	2	216.0	280.0	**NJ 2217 EC**	●	
	150	36	2	2	177.0	217.0	**NU 2217**	●	
	150	36	2	2	216.0	280.0	**NU 2217 EC**	●	
	150	36	2	2	177.0	217.0	**NUP 2217**		
	150	36	2	2	216.0	280.0	**NUP 2217 EC**		
	180	41	3	3	222.0	228.0	**N 317**		
	180	41	3	3	297.0	335.0	**N 317 EC**		
	180	41	3	3	222.0	228.0	**NF 317**		
	180	41	3	3	297.0	335.0	**NF 317 EC**		
	180	41	3	3	222.0	228.0	**NJ 317**	●	
	180	41	3	3	297.0	335.0	**NJ 317 EC**	●	
	180	41	3	3	222.0	228.0	**NU 317**	●	
	180	41	3	3	297.0	335.0	**NU 317 EC**	●	
	180	41	3	3	222.0	228.0	**NUP 317**		
	180	41	3	3	297.0	335.0	**NUP 317 EC**		
	180	60	3	3	311.0	353.0	**N 2317**		
	180	60	3	3	396.0	490.0	**N 2317 EC**		
	180	60	3	3	311.0	353.0	**NJ 2317**	●	
	180	60	3	3	396.0	490.0	**NJ 2317 EC**	●	
	180	60	3	3	311.0	353.0	**NU 2317**	●	
	180	60	3	3	396.0	490.0	**NU 2317 EC**	●	
	180	60	3	3	311.0	353.0	**NUP 2317**		
	180	60	3	3	396.0	490.0	**NUP 2317 EC**		
	210	52	4	4	319.0	335.0	**N 417**		
	210	52	4	4	319.0	335.0	**NJ 417**	●	
	210	52	4	4	319.0	335.0	**NU 417**	●	
	210	52	4	4	319.0	335.0	**NUP 417**		
90	140	24	1.5	1.1	80.9	104.0	**N 1018**	●	
	140	24	1.5	1.1	80.9	104.0	**NJ 1018**	●	
	140	24	1.5	1.1	80.9	104.0	**NU 1018**	●	
	140	24	1.5	1.1	80.9	104.0	**NUP 1018**	●	
	160	30	2	2	149.0	163.0	**N 218**		
	160	30	2	2	183.0	220.0	**N 218 EC**		
	160	30	2	2	149.0	163.0	**NF 218**		
	160	30	2	2	183.0	220.0	**NF 218 EC**		
	160	30	2	2	149.0	163.0	**NJ 218**	●	●
	160	30	2	2	183.0	220.0	**NJ 218 EC**		●
	160	30	2	2	149.0	163.0	**NU 218**	●	●
	160	30	2	2	183.0	220.0	**NU 218 EC**		●
	160	30	2	2	149.0	163.0	**NUP 218**	●	
	160	30	2	2	183.0	220.0	**NUP 218 EC**		

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	160	40	2	2	204.0	244.0	**NJ 2218**		●
	160	40	2	2	242.0	315.0	**NJ 2218 EC**		●
	160	40	2	2	204.0	244.0	**NU 2218**		●
	160	40	2	2	242.0	315.0	**NU 2218 EC**		●
	160	40	2	2	204.0	244.0	**NUP 2218**		
	160	40	2	2	242.0	315.0	**NUP 2218 EC**		
	190	43	3	3	255.0	270.0	**N 318**		
	190	43	3	3	319.0	360.0	**N 318 EC**		
	190	43	3	3	255.0	270.0	**NF 318**		
	190	43	3	3	319.0	360.0	**NF 318 EC**		
	190	43	3	3	255.0	270.0	**NJ 318**		●
	190	43	3	3	319.0	360.0	**NJ 318 EC**		●
	190	43	3	3	255.0	270.0	**NU 318**		●
	190	43	3	3	319.0	360.0	**NU 318 EC**		●
	190	43	3	3	255.0	270.0	**NUP 318**		
	190	43	3	3	319.0	360.0	**NUP 318 EC**		
	190	64	3	3	345.0	399.0	**NJ 2318**		●
	190	64	3	3	440.0	540.0	**NJ 2318 EC**		●
	190	64	3	3	345.0	399.0	**NU 2318**		●
	190	64	3	3	440.0	540.0	**NU 2318 EC**		●
	190	64	3	3	345.0	399.0	**NUP 2318**		
	190	64	3	3	440.0	540.0	**NUP 2318 EC**		
	225	54	4	4	380.0	415.0	**N 418**		
	225	54	4	4	380.0	415.0	**NJ 418**		●
	225	54	4	4	380.0	415.0	**NU 418**		●
	225	54	4	4	380.0	415.0	**NUP 418**		
95	145	24	1.5	1.1	84.2	110.0	**N 1019**	●	
	145	24	1.5	1.1	84.2	110.0	**NJ 1019**	●	
	145	24	1.5	1.1	84.2	110.0	**NU 1019**	●	
	145	24	1.5	1.1	84.2	110.0	**NUP 1019**	●	
	170	32	2.1	2.1	173.0	195.0	**N 219**		
	170	32	2.1	2.1	220.0	265.0	**N 219 EC**		
	170	32	2.1	2.1	173.0	195.0	**NF 219**		
	170	32	2.1	2.1	220.0	265.0	**NF 219 EC**		
	170	32	2.1	2.1	173.0	195.0	**NJ 219**	●	●
	170	32	2.1	2.1	220.0	265.0	**NJ 219 EC**		●
	170	32	2.1	2.1	173.0	195.0	**NU 219**	●	●
	170	32	2.1	2.1	220.0	265.0	**NU 219 EC**		●
	170	32	2.1	2.1	173.0	195.0	**NUP 219**	●	
	170	32	2.1	2.1	220.0	265.0	**NUP 219 EC**		
	170	43	2.1	2.1	241.0	298.0	**N 2219**		
	170	43	2.1	2.1	286.0	375.0	**N 2219 EC**		
	170	43	2.1	2.1	241.0	298.0	**NJ 2219**		●
	170	43	2.1	2.1	286.0	375.0	**NJ 2219 EC**		●
	170	43	2.1	2.1	241.0	298.0	**NU 2219**		●
	170	43	2.1	2.1	286.0	375.0	**NU 2219 EC**		●

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	170	43	2.1	2.1	241.0	298.0	**NUP 2219**		
	170	43	2.1	2.1	286.0	375.0	**NUP 2219 EC**		
	200	45	3	3	275.0	294.0	**N 319**		
	200	45	3	3	341.0	390.0	**N 319 EC**		
	200	45	3	3	275.0	294.0	**NF 319**		
	200	45	3	3	341.0	390.0	**NF 319 EC**		
	200	45	3	3	275.0	294.0	**NJ 319**		●
	200	45	3	3	341.0	390.0	**NJ 319 EC**		●
	200	45	3	3	275.0	294.0	**NU 319**		●
	200	45	3	3	341.0	390.0	**NU 319 EC**		●
	200	45	3	3	275.0	294.0	**NUP 319**		
	200	45	3	3	341.0	390.0	**NUP 319 EC**		
	200	67	3	3	393.0	466.0	**NJ 2319**		●
	200	67	3	3	468.0	585.0	**NJ 2319 EC**		●
	200	67	3	3	393.0	466.0	**NU 2319**		●
	200	67	3	3	468.0	585.0	**NU 2319 EC**		●
	200	67	3	3	393.0	466.0	**NUP 2319**		
	200	67	3	3	468.0	585.0	**NUP 2319 EC**		
	240	55	4	4	413.0	455.0	**N 419**		
	240	55	4	4	413.0	455.0	**NJ 419**		●
	240	55	4	4	413.0	455.0	**NU 419**		●
	240	55	4	4	413.0	455.0	**NU P 419**		
100	150	24	1.5	1.1	85.8	114.0	**N 1020**	●	
	150	24	1.5	1.1	85.8	114.0	**NJ 1020**	●	
	150	24	1.5	1.1	85.8	114.0	**NU 1020**	●	
	150	24	1.5	1.1	85.8	114.0	**NUP 1020**	●	
	180	34	2.1	2.1	192.0	217.0	**N 220**	●	
	180	34	2.1	2.1	251.0	305.0	**N 220 EC**		
	180	34	2.1	2.1	192.0	217.0	**NF 220**	●	
	180	34	2.1	2.1	251.0	305.0	**NF 220 EC**		
	180	34	2.1	2.1	192.0	217.0	**NJ 220**	●	●
	180	34	2.1	2.1	251.0	305.0	**NJ 220 EC**		●
	180	34	2.1	2.1	192.0	217.0	**NU 220**	●	●
	180	34	2.1	2.1	251.0	305.0	**NU 220 EC**		●
	180	34	2.1	2.1	192.0	217.0	**NUP 220**	●	
	180	34	2.1	2.1	251.0	305.0	**NUP 220 EC**		
	180	46	2.1	2.1	270.0	338.0	**NJ 2220**		●
	180	46	2.1	2.1	336.0	450.0	**NJ 2220 EC**		●
	180	46	2.1	2.1	270.0	338.0	**NU 2220**		●
	180	46	2.1	2.1	336.0	450.0	**NU 2220 EC**		●
	180	46	2.1	2.1	270.0	338.0	**NUP 2220**		
	180	46	2.1	2.1	336.0	450.0	**NUP 2220 EC**		
	215	47	3	3	317.0	342.0	**N 320**	●	
	215	47	3	3	391.0	440.0	**N 320 EC**		
	215	47	3	3	317.0	342.0	**NF 320**	●	
	215	47	3	3	391.0	440.0	**NF 320 EC**		

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	215	47	3	3	317.0	342.0	**NJ 320**	●	●
	215	47	3	3	391.0	440.0	**NJ 320 EC**		●
	215	47	3	3	317.0	342.0	**NU 320**	●	●
	215	47	3	3	391.0	440.0	**NU 320 EC**		●
	215	47	3	3	317.0	342.0	**NUP 320**	●	
	215	47	3	3	391.0	440.0	**NUP 320 EC**		
	215	73	3	3	460.0	553.0	**NJ 2320**		●
	215	73	3	3	583.0	735.0	**NJ 2320 EC**		●
	215	73	3	3	460.0	553.0	**NU 2320**		●
	215	73	3	3	583.0	735.0	**NU 2320 EC**		●
	215	73	3	3	460.0	553.0	**NUP 2320**		
	215	73	3	3	583.0	735.0	**NUP 2320 EC**		
	250	58	4	4	429.0	475.0	**N 420**		
	250	58	4	4	429.0	475.0	**NJ 420**		●
	250	58	4	4	429.0	475.0	**NU 420**		●
	250	58	4	4	429.0	475.0	**NUP 420**		
105	160	26	2	1.1	101.0	137.0	**N 1021**	●	
	160	26	2	1.1	101.0	137.0	**NJ 1021**	●	
	160	26	2	1.1	101.0	137.0	**NU 1021**	●	
	160	26	2	1.1	101.0	137.0	**NUP 1021**	●	
	190	36	2.1	2.1	210.0	241.0	**N 221**		
	190	36	2.1	2.1	264.0	315.0	**N 221 EC**		
	190	36	2.1	2.1	210.0	241.0	**NJ 221**		●
	190	36	2.1	2.1	264.0	315.0	**NJ 221 EC**		●
	190	36	2.1	2.1	210.0	241.0	**NU 221**		●
	190	36	2.1	2.1	264.0	315.0	**NU 221 EC**		●
	190	36	2.1	2.1	210.0	241.0	**NUP 221**		
	190	36	2.1	2.1	264.0	315.0	**NUP 221 EC**		
	225	49	3	3	361.0	393.0	**N 321**		
	225	49	3	3	440.0	500.0	**N 321 EC**		
	225	49	3	3	361.0	393.0	**NF 321**		
	225	49	3	3	440.0	500.0	**NF 321 EC**		
	225	49	3	3	361.0	393.0	**NJ 321**		●
	225	49	3	3	440.0	500.0	**NJ 321 EC**		●
	225	49	3	3	361.0	393.0	**NU 321**		●
	225	49	3	3	440.0	500.0	**NU 321 EC**		●
	225	49	3	3	361.0	393.0	**NUP 321**		
	225	49	3	3	440.0	500.0	**NUP 321 EC**		
	260	60	4	4	501.0	570.0	**N 421**		
	260	60	4	4	501.0	570.0	**NJ 421**		●
	260	60	4	4	501.0	570.0	**NU 421**		●
	260	60	4	4	501.0	570.0	**NUP 421**		
110	170	28	2	1.1	128.0	166.0	**N 1022**	●	
	170	28	2	1.1	128.0	166.0	**NJ 1022**	●	
	170	28	2	1.1	128.0	166.0	**NU 1022**	●	
	170	28	2	1.1	128.0	166.0	**NUP 1022**	●	

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	200	38	2.1	2.1	240.0	272.0	**N 222**		
	200	38	2.1	2.1	292.0	365.0	**N 222 EC**		
	200	38	2.1	2.1	240.0	272.0	**NF 222**		
	200	38	2.1	2.1	292.0	365.0	**NF 222 EC**		
	200	38	2.1	2.1	240.0	272.0	**NJ 222**		●
	200	38	2.1	2.1	292.0	365.0	**NJ 222 EC**		●
	200	38	2.1	2.1	240.0	272.0	**NU 222**		●
	200	38	2.1	2.1	292.0	365.0	**NU 222 EC**		●
	200	38	2.1	2.1	240.0	272.0	**NUP 222**		
	200	38	2.1	2.1	292.0	365.0	**NUP 222 EC**		
	200	53	2.1	2.1	333.0	414.0	**NJ 2222**		●
	200	53	2.1	2.1	380.0	520.0	**NJ 2222 EC**		●
	200	53	2.1	2.1	333.0	414.0	**NU 2222**		●
	200	53	2.1	2.1	380.0	520.0	**NU 2222 EC**		●
	200	53	2.1	2.1	333.0	414.0	**NUP 2222**		
	200	53	2.1	2.1	380.0	520.0	**NUP 2222 EC**		
	240	50	3	3	408.0	449.0	**N 322**		
	240	50	3	3	468.0	540.0	**N 322 EC**		
	240	50	3	3	408.0	449.0	**NF 322**		
	240	50	3	3	468.0	540.0	**NF 322 EC**		
	240	50	3	3	408.0	449.0	**NJ 322**		●
	240	50	3	3	468.0	540.0	**NJ 322 EC**		●
	240	50	3	3	408.0	449.0	**NU 322**		●
	240	50	3	3	468.0	540.0	**NU 322 EC**		●
	240	50	3	3	408.0	449.0	**NUP 322**		
	240	50	3	3	468.0	540.0	**NUP 322 EC**		
	240	80	3	3	642.0	805.0	**NJ 2322**	●	●
	240	80	3	3	682.0	900.0	**NJ 2322 EC**	●	●
	240	80	3	3	642.0	805.0	**NU 2322**	●	●
	240	80	3	3	682.0	900.0	**NU 2322 EC**	●	●
	240	80	3	3	642.0	805.0	**NUP 2322**	●	
	240	80	3	3	682.0	900.0	**NUP 2322 EC**	●	
	280	65	4	4	523.0	585.0	**N 422**		
	280	65	4	4	523.0	585.0	**NJ 422**		●
	280	65	4	4	523.0	585.0	**NU 422**		●
	280	65	4	4	523.0	585.0	**NUP 422**		
115	250	53	3	3	420.0	545.0	**NJ 323**	●	
	250	53	3	3	420.0	545.0	**NU 323**	●	
	250	53	3	3	420.0	545.0	**NUP 323**	●	
120	180	28	2	1.1	134.0	183.0	**N 1024**	●	
	180	28	2	1.1	134.0	183.0	**NJ 1024**	●	
	180	28	2	1.1	134.0	183.0	**NU 1024**	●	
	180	28	2	1.1	134.0	183.0	**NUP 1024**	●	
	215	40	2.1	2.1	272.0	318.0	**N 224**	●	
	215	40	2.1	2.1	341.0	430.0	**N 224 EC**	●	

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	215	40	2.1	2.1	272.0	318.0	**NF 224**	●	
	215	40	2.1	2.1	341.0	430.0	**NF 224 EC**	●	
	215	40	2.1	2.1	272.0	318.0	**NJ 224**	●	●
	215	40	2.1	2.1	341.0	430.0	**NJ 224 EC**	●	●
	215	40	2.1	2.1	272.0	318.0	**NU 224**	●	●
	215	40	2.1	2.1	341.0	430.0	**NU 224 EC**	●	●
	215	40	2.1	2.1	272.0	318.0	**NUP 224**	●	
	215	40	2.1	2.1	341.0	430.0	**NUP 224 EC**	●	
	215	58	2.1	2.1	382.0	492.0	**NJ 2224**		●
	215	58	2.1	2.1	457.0	630.0	**NJ 2224 EC**		●
	215	58	2.1	2.1	382.0	492.0	**NU 2224**		●
	215	58	2.1	2.1	457.0	630.0	**NU 2224 EC**		●
	215	58	2.1	2.1	382.0	492.0	**NUP 2224**		
	215	58	2.1	2.1	457.0	630.0	**NUP 2224 EC**		
	260	55	3	3	476.0	516.0	**N 324**		
	260	55	3	3	539.0	620.0	**N 324 EC**		
	260	55	3	3	476.0	516.0	**NF 324**		
	260	55	3	3	539.0	620.0	**NF 324 EC**		
	260	55	3	3	476.0	516.0	**NJ 324**		●
	260	55	3	3	539.0	620.0	**NJ 324 EC**		●
	260	55	3	3	476.0	516.0	**NU 324**		●
	260	55	3	3	539.0	620.0	**NU 324 EC**		●
	260	55	3	3	476.0	516.0	**NUP 324**		
	260	55	3	3	539.0	620.0	**NUP 324 EC**		
	260	86	3	3	748.0	926.0	**N 2324**	●	
	260	86	3	3	792.0	1040.0	**N 2324 E**	●	
	260	86	3	3	748.0	926.0	**NJ 2324**	●	
	260	86	3	3	792.0	1040.0	**NJ 2324 E**	●	●
	260	86	3	3	748.0	926.0	**NU 2324**	●	
	260	86	3	3	792.0	1040.0	**NU 2324 E**	●	●
	260	86	3	3	748.0	926.0	**NUP 2324**	●	
	260	86	3	3	792.0	1040.0	**NUP 2324 E**	●	
	310	72	5	5	644.0	735.0	**N 424**		
	310	72	5	5	644.0	735.0	**NJ 424**		●
	310	72	5	5	644.0	735.0	**NU 424**		●
	310	72	5	5	644.0	735.0	**NUP 424**		
130	200	33	2	1.1	165.0	224.0	**N 1026**	●	
	200	33	2	1.1	165.0	224.0	**NJ 1026**	●	
	200	33	2	1.1	165.0	224.0	**NU 1026**	●	
	200	33	2	1.1	165.0	224.0	**NUP 1026**	●	
	230	40	3	3	283.0	342.0	**N 226**		
	230	40	3	3	358.0	455.0	**N 226 EC**	●	
	230	40	3	3	283.0	342.0	**NF 226**		
	230	40	3	3	358.0	455.0	**NF 226 EC**	●	
	230	40	3	3	283.0	342.0	**NJ 226**		●
	230	40	3	3	358.0	455.0	**NJ 226 EC**	●	●

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	230	40	3	3	283.0	342.0	**NU 226**		●
	230	40	3	3	358.0	455.0	**NU 226 EC**	●	●
	230	40	3	3	283.0	342.0	**NUP 226**		
	230	40	3	3	358.0	455.0	**NUP 226 EC**	●	
	230	64	3	3	415.0	560.0	**N 2226**	●	
	230	64	3	3	528.0	735.0	**N 2226 EC**	●	
	230	64	3	3	415.0	560.0	**NJ 2226**	●	●
	230	64	3	3	528.0	735.0	**NJ 2226 EC**	●	●
	230	64	3	3	415.0	560.0	**NU 2226**	●	●
	230	64	3	3	528.0	735.0	**NU 2226 EC**	●	●
	230	64	3	3	415.0	560.0	**NUP 2226**	●	
	230	64	3	3	528.0	735.0	**NUP 2226 EC**	●	
	280	58	4	4	560.0	629.0	**N 326**		
	280	58	4	4	627.0	750.0	**N 326 EC**		
	280	58	4	4	560.0	629.0	**NF 326**		
	280	58	4	4	627.0	750.0	**NF 326 EC**		
	280	58	4	4	560.0	629.0	**NJ 326**		●
	280	58	4	4	627.0	750.0	**NJ 326 EC**		●
	280	58	4	4	560.0	629.0	**NU 326**		●
	280	58	4	4	627.0	750.0	**NU 326 EC**		●
	280	58	4	4	560.0	629.0	**NUP 326**		
	280	58	4	4	627.0	750.0	**NUP 326 EC**		
	280	93	4	4	885.0	1135.0	**N 2326**	●	
	280	93	4	4	935.0	1250.0	**N 2326 EC**	●	
	280	93	4	4	885.0	1135.0	**NJ 2326**	●	
	280	93	4	4	935.0	1250.0	**NJ 2326 EC**	●	●
	280	93	4	4	885.0	1135.0	**NU 2326**	●	
	280	93	4	4	935.0	1250.0	**NU 2326 EC**	●	●
	280	93	4	4	885.0	1135.0	**NUP 2326**	●	
	280	93	4	4	935.0	1250.0	**NUP 2326 EC**	●	
	340	78	5	5	884.0	987.0	**N 426**		
	340	78	5	5	884.0	987.0	**NJ 426**		●
	340	78	5	5	884.0	987.0	**NU 426**		●
	340	78	5	5	884.0	987.0	**NUP 426**		
140	210	33	2	1.1	172.0	245.0	**N 1028**	●	
	210	33	2	1.1	172.0	245.0	**NJ 1028**	●	
	210	33	2	1.1	172.0	245.0	**NU 1028**	●	
	210	33	2	1.1	172.0	245.0	**NUP 1028**	●	
	250	42	3	3	325.0	396.0	**N 228**		
	250	42	3	3	391.0	510.0	**N 228 EC**		
	250	42	3	3	325.0	396.0	**NF 228**		
	250	42	3	3	391.0	510.0	**NF 228 EC**		
	250	42	3	3	325.0	396.0	**NJ 228**		●
	250	42	3	3	391.0	510.0	**NJ 228 EC**		●
	250	42	3	3	325.0	396.0	**NU 228**		●
	250	42	3	3	391.0	510.0	**NU 228 EC**		●

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	250	42	3	3	325.0	396.0	**NUP 228**		
	250	42	3	3	391.0	510.0	**NUP 228 EC**		
	250	68	3	3	488.0	669.0	**N 2228**	●	
	250	68	3	3	572.0	830.0	**N 2228 EC**	●	
	250	68	3	3	488.0	669.0	**NJ 2228**	●	
	250	68	3	3	572.0	830.0	**NJ 2228 EC**	●	●
	250	68	3	3	488.0	669.0	**NU 2228**	●	
	250	68	3	3	572.0	830.0	**NU 2228 EC**	●	●
	250	68	3	3	488.0	669.0	**NUP 2228**	●	
	250	68	3	3	572.0	830.0	**NUP 2228 EC**	●	
	300	62	4	4	617.0	702.0	**N 328**		
	300	62	4	4	682.0	830.0	**N 328 EC**		
	300	62	4	4	617.0	702.0	**NF 328**		
	300	62	4	4	682.0	830.0	**NF 328 EC**		
	300	62	4	4	617.0	702.0	**NJ 328**		●
	300	62	4	4	682.0	830.0	**NJ 328 EC**		●
	300	62	4	4	617.0	702.0	**NU 328**		●
	300	62	4	4	682.0	830.0	**NU 328 EC**		●
	300	62	4	4	617.0	702.0	**NUP 328**		
	300	62	4	4	682.0	830.0	**NUP 328 EC**		
	300	102	4	4	919.0	1170.0	**N 2328**	●	
	300	102	4	4	1050.0	1430.0	**N 2328 EC**	●	
	300	102	4	4	919.0	1170.0	**NJ 2328**	●	
	300	102	4	4	1050.0	1430.0	**NJ 2328 EC**	●	●
	300	102	4	4	919.0	1170.0	**NU 2328**	●	
	300	102	4	4	1050.0	1430.0	**NU 2328 EC**	●	●
	300	102	4	4	919.0	1170.0	**NUP 2328**	●	
	300	102	4	4	1050.0	1430.0	**NUP 2328 EC**	●	
	360	82	5	5	953.0	1076.0	**N 428**		
	360	82	5	5	953.0	1076.0	**NJ 428**		●
	360	82	5	5	953.0	1076.0	**NU 428**		●
	360	82	5	5	953.0	1076.0	**NUP 428**		
150	225	35	2.1	1.5	194.0	275.0	**N 1030**	●	
	225	35	2.1	1.5	194.0	275.0	**NJ 1030**	●	
	225	35	2.1	1.5	194.0	275.0	**NU 1030**	●	
	225	35	2.1	1.5	194.0	275.0	**NUP 1030**	●	
	270	45	3	3	391.0	490.0	**N 230**		
	270	45	3	3	446.0	600.0	**N 230 EC**		
	270	45	3	3	391.0	490.0	**NF 230**		
	270	45	3	3	446.0	600.0	**NF 230 EC**		
	270	45	3	3	391.0	490.0	**NJ 230**		●
	270	45	3	3	446.0	600.0	**NJ 230 EC**		●
	270	45	3	3	391.0	490.0	**NU 230**		●
	270	45	3	3	446.0	600.0	**NU 230 EC**		●
	270	45	3	3	391.0	490.0	**NUP 230**		
	270	45	3	3	446.0	600.0	**NUP 230 EC**		

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	270	73	3	3	572.0	798.0	**N 2230**	●	
	270	73	3	3	627.0	930.0	**N 2230 EC**	●	
	270	73	3	3	572.0	798.0	**NJ 2230**	●	
	270	73	3	3	627.0	930.0	**NJ 2230 EC**	●	●
	270	73	3	3	572.0	798.0	**NU 2230**	●	
	270	73	3	3	627.0	930.0	**NU 2230 EC**	●	●
	270	73	3	3	572.0	798.0	**NUP 2230**	●	
	270	73	3	3	627.0	930.0	**NUP 2230 EC**	●	
	320	65	4	4	716.0	839.0	**N 330**	●	
	320	65	4	4	781.0	965.0	**N 330 EC**	●	
	320	65	4	4	716.0	839.0	**NF 330**	●	
	320	65	4	4	781.0	965.0	**NF 330 EC**	●	
	320	65	4	4	716.0	839.0	**NJ 330**	●	
	320	65	4	4	781.0	965.0	**NJ 330 EC**	●	●
	320	65	4	4	716.0	839.0	**NU 330**	●	
	320	65	4	4	781.0	965.0	**NU 330 EC**	●	●
	320	65	4	4	716.0	839.0	**NUP 330**	●	
	320	65	4	4	781.0	965.0	**NUP 330 EC**	●	
	320	108	4	4	1190.0	1630.0	**NJ 2330 EC**	●	●
	320	108	4	4	1190.0	1630.0	**NU 2330 EC**	●	●
	320	108	4	4	1190.0	1630.0	**NUP 2330 EC**	●	
	380	85	5	5	1007.0	1171.0	**N 430**		
	380	85	5	5	1007.0	1171.0	**NJ 430**		
	380	85	5	5	1007.0	1171.0	**NU 430**		
	380	85	5	5	1007.0	1171.0	**NUP 430**		
160	240	38	2.1	1.5	229.0	325.0	**N 1032**	●	
	240	38	2.1	1.5	229.0	325.0	**NJ 1032**	●	
	240	38	2.1	1.5	229.0	325.0	**NU 1032**	●	
	240	38	2.1	1.5	229.0	325.0	**NUP 1032**	●	
	290	48	3	3	447.0	566.0	**N 232**	●	
	290	48	3	3	501.0	680.0	**N 232 EC**	●	
	290	48	3	3	447.0	566.0	**NF 232**	●	
	290	48	3	3	501.0	680.0	**NF 232 EC**	●	
	290	48	3	3	447.0	566.0	**NJ 232**	●	
	290	48	3	3	501.0	680.0	**NJ 232 EC**	●	●
	290	48	3	3	447.0	566.0	**NU 232**	●	
	290	48	3	3	501.0	680.0	**NU 232 EC**	●	●
	290	48	3	3	447.0	566.0	**NUP 232**	●	
	290	48	3	3	501.0	680.0	**NUP 232 EC**	●	
	290	80	3	3	661.0	937.0	**N 2232**	●	
	290	80	3	3	809.0	1200.0	**N 2232 EC**	●	
	290	80	3	3	661.0	937.0	**NJ 2232**	●	
	290	80	3	3	809.0	1200.0	**NJ 2232 EC**	●	●
	290	80	3	3	661.0	937.0	**NU 2232**	●	
	290	80	3	3	809.0	1200.0	**NU 2232 EC**	●	●
	290	80	3	3	661.0	937.0	**NUP 2232**	●	

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	290	80	3	3	809.0	1200.0	**NUP 2232 EC**	●	
	340	68	4	4	753.0	911.0	**N 332**	●	
	340	68	4	4	880.0	1080.0	**N 332 EC**	●	
	340	68	4	4	753.0	911.0	**NF 332**	●	
	340	68	4	4	880.0	1080.0	**NF 332 EC**	●	
	340	68	4	4	753.0	911.0	**NJ 332**	●	
	340	68	4	4	880.0	1080.0	**NJ 332 EC**	●	●
	340	68	4	4	753.0	911.0	**NU 332**	●	
	340	68	4	4	880.0	1080.0	**NU 332 EC**	●	●
	340	68	4	4	753.0	911.0	**NUP 332**	●	
	340	68	4	4	880.0	1080.0	**NUP 332 EC**	●	
	340	114	4	4	1320.0	1860.0	**NJ 2332 E**	●	●
	340	114	4	4	1320.0	1860.0	**NU 2332 E**	●	●
	340	114	4	4	1320.0	1860.0	**NUP 2332 E**	●	
170	260	42	2.1	2.1	275.0	400.0	**N 1034**	●	
	260	42	2.1	2.1	275.0	400.0	**NJ 1034**	●	●
	260	42	2.1	2.1	275.0	400.0	**NU 1034**	●	●
	260	42	2.1	2.1	275.0	400.0	**NUP 1034**	●	
	310	52	4	4	506.0	648.0	**N 234**	●	
	310	52	4	4	616.0	815.0	**N 234 E**	●	
	310	52	4	4	506.0	648.0	**NF 234**	●	
	310	52	4	4	616.0	815.0	**NF 234 E**	●	
	310	52	4	4	506.0	648.0	**NJ 234**	●	
	310	52	4	4	616.0	815.0	**NJ 234 E**	●	●
	310	52	4	4	506.0	648.0	**NU 234**	●	
	310	52	4	4	616.0	815.0	**NU 234 E**	●	●
	310	52	4	4	506.0	648.0	**NUP 234**	●	
	310	52	4	4	616.0	815.0	**NUP 234 E**	●	
	310	86	4	4	757.0	1087.0	**N 2234**	●	
	310	86	4	4	968.0	1430.0	**N 2234 E**	●	
	310	86	4	4	757.0	1087.0	**NJ 2234**	●	
	310	86	4	4	968.0	1430.0	**NJ 2234 E**	●	●
	310	86	4	4	757.0	1087.0	**NU 2234**	●	
	310	86	4	4	968.0	1430.0	**NU 2234 E**	●	●
	310	86	4	4	757.0	1087.0	**NUP 2234**	●	
	310	86	4	4	968.0	1430.0	**NUP 2234 E**	●	
	360	72	4	4	952.0	1040.0	**N 334 E**		
	360	72	4	4	952.0	1040.0	**NF 334 E**		
	360	72	4	4	952.0	1040.0	**NJ 334 E**		●
	360	72	4	4	952.0	1040.0	**NU 334 E**		●
	360	72	4	4	952.0	1040.0	**NUP 334 E**		
	360	126	4	4	1230.0	1800.0	**NJ 2334**	●	●
	360	126	4	4	1230.0	1800.0	**NU 2334**	●	●
	360	126	4	4	1230.0	1800.0	**NUP 2334**	●	
180	280	46	2.1	2.1	336.0	475.0	**N 1036**	●	

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	280	46	2.1	2.1	336.0	475.0	**NJ 1036**	●	●
	280	46	2.1	2.1	336.0	475.0	**NU 1036**	●	●
	280	46	2.1	2.1	336.0	475.0	**NUP 1036**	●	
	320	52	4	4	525.0	688.0	**N 236**	●	
	320	52	4	4	627.0	850.0	**N 236 EC**	●	
	320	52	4	4	525.0	688.0	**NF 236**	●	
	320	52	4	4	627.0	850.0	**NF 236 EC**	●	
	320	52	4	4	525.0	688.0	**NJ 236**	●	
	320	52	4	4	627.0	850.0	**NJ 236 EC**	●	●
	320	52	4	4	525.0	688.0	**NU 236**	●	
	320	52	4	4	627.0	850.0	**NU 236 EC**	●	●
	320	52	4	4	525.0	688.0	**NUP 236**	●	
	320	52	4	4	627.0	850.0	**NUP 236 EC**	●	
	320	86	4	4	785.0	1155.0	**N 2236**	●	
	320	86	4	4	1010.0	1500.0	**N 2236 EC**	●	
	320	86	4	4	785.0	1155.0	**NJ 2236**	●	
	320	86	4	4	1010.0	1500.0	**NJ 2236 EC**	●	●
	320	86	4	4	785.0	1155.0	**NU 2236**	●	
	320	86	4	4	1010.0	1500.0	**NU 2236 EC**	●	●
	320	86	4	4	785.0	1155.0	**NUP 2236**	●	
	320	86	4	4	1010.0	1500.0	**NUP 2236 EC**	●	
	380	75	4	4	913.0	1180.0	**N 336**	●	
	380	75	4	4	913.0	1180.0	**NF 336**	●	
	380	75	4	4	913.0	1180.0	**NJ 336**	●	●
	380	75	4	4	913.0	1180.0	**NU 336**	●	●
	380	75	4	4	913.0	1180.0	**NUP 336**	●	
	380	126	4	4	1400.0	2040.0	**NJ 2336**	●	●
	380	126	4	4	1400.0	2040.0	**NU 2336**	●	●
	380	126	4	4	1400.0	2040.0	**NUP 2336**	●	
190	290	46	2.1	2.1	347.0	500.0	**N 1038**	●	
	290	46	2.1	2.1	347.0	500.0	**NJ 1038**	●	●
	290	46	2.1	2.1	347.0	500.0	**NU 1038**	●	●
	290	46	2.1	2.1	347.0	500.0	**NUP 1038**	●	
	340	55	4	4	582.0	768.0	**N 238**	●	
	340	55	4	4	693.0	965.0	**N 238 EC**	●	
	340	55	4	4	582.0	768.0	**NJ 238**	●	
	340	55	4	4	693.0	965.0	**NJ 238 EC**	●	●
	340	55	4	4	582.0	768.0	**NU 238**	●	
	340	55	4	4	693.0	965.0	**NU 238 EC**	●	●
	340	55	4	4	582.0	768.0	**NUP 238**	●	
	340	55	4	4	693.0	965.0	**NUP 238 EC**	●	
	340	92	4	4	871.0	1288.0	**N 2238**	●	
	340	92	4	4	1100.0	1660.0	**N 2238 EC**	●	
	340	92	4	4	871.0	1288.0	**NJ 2238**	●	
	340	92	4	4	1100.0	1660.0	**NJ 2238 EC**	●	●
	340	92	4	4	871.0	1288.0	**NU 2238**	●	

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	340	92	4	4	1100.0	1660.0	**NU 2238 EC**	●	●
	340	92	4	4	871.0	1288.0	**NUP 2238**	●	
	340	92	4	4	1100.0	1660.0	**NUP 2238 EC**	●	
	400	78	4	4	920.0	1288.0	**N 338**	●	
	400	78	4	4	1140.0	1500.0	**N 338 EC**	●	
	400	78	4	4	920.0	1288.0	**NJ 338**	●	
	400	78	4	4	1140.0	1500.0	**NJ 338 EC**	●	●
	400	78	4	4	920.0	1288.0	**NU 338**	●	
	400	78	4	4	1140.0	1500.0	**NU 338 EC**	●	●
	400	78	4	4	920.0	1288.0	**NUP 338**	●	
	400	78	4	4	1140.0	1500.0	**NUP 338 EC**	●	
	400	132	4	4	1830.0	2550.0	**NJ 2338 EC**	●	
	400	132	4	4	1830.0	2550.0	**NU 2338 EC**	●	
	400	132	4	4	1830.0	2550.0	**NUP 2338 EC**	●	
200	310	51	2.1	2.1	380.0	570.0	**N 1040**	●	
	310	51	2.1	2.1	380.0	570.0	**NJ 1040**	●	●
	310	51	2.1	2.1	380.0	570.0	**NU 1040**	●	●
	310	51	2.1	2.1	380.0	570.0	**NUP 1040**	●	
	360	58	4	4	650.0	865.0	**N 240**	●	
	360	58	4	4	765.0	1060.0	**N 240 E**	●	
	360	58	4	4	650.0	865.0	**NJ 240**	●	
	360	58	4	4	765.0	1060.0	**NJ 240 E**	●	●
	360	58	4	4	650.0	865.0	**NU 240**	●	
	360	58	4	4	765.0	1060.0	**NU 240 E**	●	●
	360	58	4	4	650.0	865.0	**NUP 240**	●	
	360	58	4	4	765.0	1060.0	**NUP 240 E**	●	
	360	98	4	4	967.0	1442.0	**N 2240**	●	
	360	98	4	4	1230.0	1900.0	**N 2240 EC**	●	
	360	98	4	4	967.0	1442.0	**NJ 2240**	●	
	360	98	4	4	1230.0	1900.0	**NJ 2240 EC**	●	●
	360	98	4	4	967.0	1442.0	**NU 2240**	●	
	360	98	4	4	1230.0	1900.0	**NU 2240 EC**	●	●
	360	98	4	4	967.0	1442.0	**NUP 2240**	●	
	360	98	4	4	1230.0	1900.0	**NUP 2240 EC**	●	
	420	80	5	5	990.0	1320.0	**N 340**	●	
	420	80	5	5	990.0	1320.0	**NJ 340**	●	●
	420	80	5	5	990.0	1320.0	**NU 340**	●	●
	420	80	5	5	990.0	1320.0	**NUP 340**	●	
	420	138	5	5	2050.0	2850.0	**NJ 2340 EC**	●	
	420	138	5	5	2050.0	2850.0	**NU 2340 EC**	●	
	420	138	5	5	2050.0	2850.0	**NUP 2340 EC**	●	
220	340	56	3	3	495.0	735.0	**N 1044**	●	
	340	56	3	3	495.0	735.0	**NJ 1044**	●	●
	340	56	3	3	495.0	735.0	**NU 1044**	●	●
	340	56	3	3	495.0	735.0	**NUP 1044**	●	

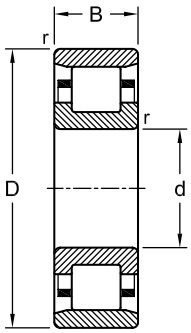
Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	400	65	4	4	765.0	1080.0	**N 244**	•	
	400	65	4	4	765.0	1080.0	**NJ 244**	•	•
	400	65	4	4	765.0	1080.0	**NU 244**	•	•
	400	65	4	4	765.0	1080.0	**NUP 244**	•	
	400	108	4	4	1189.0	1806.0	**N 2244**	•	
	400	108	4	4	1570.0	2280.0	**N 2244 EC**	•	
	400	108	4	4	1189.0	1806.0	**NJ 2244**	•	
	400	108	4	4	1570.0	2280.0	**NJ 2244 EC**	•	•
	400	108	4	4	1189.0	1806.0	**NU 2244**	•	
	400	108	4	4	1570.0	2280.0	**NU 2244 EC**	•	•
	400	108	4	4	1189.0	1806.0	**NUP 2244**	•	
	400	108	4	4	1570.0	2280.0	**NUP 2244 EC**	•	
	460	88	5	5	1210.0	1630.0	**NJ 344**	•	•
	460	88	5	5	1210.0	1630.0	**NU 344**	•	•
	460	88	5	5	1210.0	1630.0	**NUP 344**	•	
	460	145	5	5	2330.0	3250.0	**NJ 2344 EC**	•	•
	460	145	5	5	2330.0	3250.0	**NU 2344 EC**	•	•
	460	145	5	5	2330.0	3250.0	**NUP 2344 EC**	•	
240	360	560	3	3	523.0	800.0	**N 1048**	•	
	360	560	3	3	523.0	800.0	**NJ 1048**	•	•
	360	560	3	3	523.0	800.0	**NU 1048**	•	•
	360	560	3	3	523.0	800.0	**NUP 1048**	•	
	440	72	4	4	952.0	1370.0	**N 248**	•	
	440	72	4	4	952.0	1370.0	**NJ 248**	•	•
	440	72	4	4	952.0	1370.0	**NU 248**	•	•
	440	72	4	4	952.0	1370.0	**NUP 248**	•	
	440	120	4	4	1450.0	2360.0	**N 2248**	•	
	440	120	4	4	1450.0	2360.0	**NJ 2248**	•	•
	440	120	4	4	1450.0	2360.0	**NU 2248**	•	•
	440	120	4	4	1450.0	2360.0	**NUP 2248**	•	
	500	95	5	5	1450.0	2000.0	**NJ 348**	•	•
	500	95	5	5	1450.0	2000.0	**NU 348**	•	•
	500	95	5	5	1450.0	2000.0	**NUP 348**	•	
	500	155	5	5	2120.0	3250.0	**NJ 2348**	•	•
	500	155	5	5	2120.0	3250.0	**NU 2348**	•	•
	500	155	5	5	2120.0	3250.0	**NUP 2348**	•	
260	400	65	4	4	627.0	965.0	**N 1052**	•	
	400	65	4	4	627.0	965.0	**NJ 1052**	•	•
	400	65	4	4	627.0	965.0	**NU 1052**	•	•
	400	65	4	4	627.0	965.0	**NUP 1052**	•	
	480	80	5	5	1170.0	1700.0	**N 252**	•	
	480	80	5	5	1170.0	1700.0	**NJ 252**	•	•
	480	80	5	5	1170.0	1700.0	**NU 252**	•	•
	480	80	5	5	1170.0	1700.0	**NUP 252**	•	

Dimensions mm					Load Rating kN		AEC Bearing	M	Angle Ring
d	D	B	r_1	r	Dynamic (C)	Static (C_O)			
	480	130	5	5	1790.0	3000.0	**NU 2252**	•	•
280	420	65	4	4	660.0	1060.0	**N 1056**	•	
	420	65	4	4	660.0	1060.0	**NJ 1056**	•	
	420	65	4	4	660.0	1060.0	**NU 1056**	•	
	420	65	4	4	660.0	1060.0	**NUP 1056**	•	
	500	80	5	5	1140.0	1700.0	**NJ 256**	•	•
	500	80	5	5	1140.0	1700.0	**NU 256**	•	•
	500	130	5	5	2200.0	3250.0	**NU 2256 EC**	•	•
	580	175	6	6	2700.0	4300.0	**NU 2356**	•	•
300	460	74	4	4	858.0	1370.0	**N 1060**	•	
	460	74	4	4	858.0	1370.0	**NJ 1060**	•	•
	460	74	4	4	858.0	1370.0	**NU 1060**	•	•
	460	74	4	4	858.0	1370.0	**NUP 1060**	•	
	540	85	5	5	1420.0	2120.0	**NU 260**	•	•
	540	140	5	5	2090.0	3450.0	**NU 2260**	•	•
320	480	74	4	4	880.0	1430.0	**N 1064**		
	480	74	4	4	880.0	1430.0	**NJ 1064**	•	•
	480	74	4	4	880.0	1430.0	**NU 1064**	•	•
	480	74	4	4	880.0	1430.0	**NUP 1064**	•	
	580	92	5	5	1610.0	2450.0	**NU 264**	•	•
	580	150	5	5	2380.0	4000.0	**NU 2264**	•	•
340	520	82	5	5	1080.0	1760.0	**N 1068**	•	
	520	82	5	5	1080.0	1760.0	**NJ 1068**	•	•
	520	82	5	5	1080.0	1760.0	**NU 1068**	•	•
	520	82	5	5	1080.0	1760.0	**NUP 1068**	•	
	620	165	6	6	2640.0	4500.0	**NU 2268**	•	
360	540	82	5	5	1100.0	1830.0	**NU 1072**	•	•
	650	170	6	6	2920.0	4900.0	**NU 2272**	•	
380	560	82	5	5	1140.0	1930.0	**NU 1076**	•	•
	680	175	6	6	3140.0	5500.0	**NU 2276**	•	
400	600	90	5	5	1380.0	2320.0	**NU 1080**	•	•
420	620	90	5	5	1420.0	2450.0	**NU 1084**	•	•
440	650	94	6	6	1510.0	2650.0	**NU 1088**	•	•
460	680	100	6	6	1650.0	2850.0	**NU 1092**	•	•
480	700	100	6	6	1680.0	3000.0	**NU 1096**	•	•
500	720	100	6	6	1720.0	3100.0	**NU 10/500**	•	•
530	780	112	6	6	2290.0	4050.0	**NU 10/530**	•	
560	820	115	6	6	2330.0	4250.0	**NU 10/560**	•	
600	870	118	6	6	2750.0	5100.0	**NU 10/600**	•	

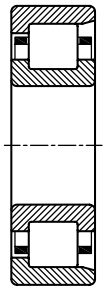
Cylindrical Roller Bearings

Single Row
Inch Series

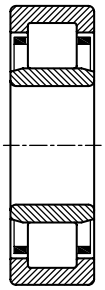
CFL, CRL, CRM, LLRJ, MMRJ, XLRJ



CRL / CRM / XLRJ



LLRJ / MMRJ



CFL

Dimensions inch (mm)				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_0)		
0.500	1.3125	0.3750	0.0315 (0.8)	9.85	6.95	**CRL 4**	
	1.3125	0.3750	0.0315 (0.8)	9.85	6.95	**LLRJ 1/2**	
	1.6250	0.6250	0.0630 (1.6)	17.10	12.80	**CRM 4**	
	1.6250	0.6250	0.0630 (1.6)	17.10	12.80	**MMRJ 1/2**	
0.625	1.5625	0.4375	0.0315 (0.8)	12.50	9.95	**CFL 5**	
	1.5625	0.4375	0.0315 (0.8)	12.50	9.95	**CRL 5**	
	1.5625	0.4375	0.0315 (0.8)	12.50	9.95	**LLRJ 5/8**	
	1.8125	0.6250	0.0630 (1.6)	18.80	14.80	**CRM 5**	
	1.8125	0.6250	0.0630 (1.6)	18.80	14.80	**MMRJ 5/8**	
0.750	1.8750	0.5625	0.0630 (1.6)	22.80	19.40	**CFL 6**	
	1.8750	0.5625	0.0630 (1.6)	22.80	19.40	**CRL 6**	•
	1.8750	0.5625	0.0630 (1.6)	22.80	19.40	**LLRJ 3/4**	
	2.0000	0.6875	0.0630 (1.6)	28.70	24.30	**CRM 6**	
	2.0000	0.6875	0.0630 (1.6)	28.70	24.30	**MMRJ 3/4**	
0.875	2.0000	0.5625	0.0630 (1.6)	24.60	20.80	**CFL 7**	
	2.0000	0.5625	0.0630 (1.6)	24.60	20.80	**CRL 7**	
	2.0000	0.5625	0.0630 (1.6)	24.60	20.80	**LLRJ 7/8**	
	2.2500	0.6875	0.0630 (1.6)	25.10	21.10	**CRM 7**	
	2.2500	0.6875	0.0630 (1.6)	25.10	21.10	**MMRJ 7/8**	
1.000	2.2500	0.6250	0.0630 (1.6)	31.10	27.90	**CFL 8**	
	2.2500	0.6250	0.0630 (1.6)	31.10	27.90	**CRL 8**	
	2.2500	0.6250	0.0630 (1.6)	31.10	27.90	**LLRJ 1**	
	2.5000	0.7500	0.0945 (2.4)	35.00	30.60	**CFM 8**	
	2.5000	0.7500	0.0945 (2.4)	35.00	30.60	**CRM 8**	
	2.5000	0.7500	0.0945 (2.4)	35.00	30.60	**MMRJ 1**	
1.125	2.5000	0.6250	0.0630 (1.6)	33.10	31.30	**CFL 9**	
	2.5000	0.6250	0.0630 (1.6)	33.10	31.30	**CRL 9**	
	2.5000	0.6250	0.0630 (1.6)	33.10	31.30	**LLRJ 1.1/8**	
	2.8125	0.8125	0.0945 (2.4)	45.50	41.90	**CFM 9**	
	2.8125	0.8125	0.0945 (2.4)	45.50	41.90	**CRM 9**	•
	2.8125	0.8125	0.0945 (2.4)	45.50	41.90	**MMRJ 1.1/8**	
1.250	2.7500	0.6875	0.0630 (1.6)	42.10	37.90	**CFL 10**	

Dimensions inch (mm)				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_0)		
	2.7500	0.6875	0.0630 (1.6)	42.10	37.90	**CRL 10**	
	2.7500	0.6875	0.0630 (1.6)	42.10	37.90	**LLRJ 1.1/4**	
	3.1250	0.8750	0.0945 (2.4)	58.00	52.50	**CFM 10**	
	3.1250	0.8750	0.0945 (2.4)	58.00	52.50	**CRM 10**	
	3.1250	0.8750	0.0945 (2.4)	58.00	52.50	**MMRJ 1.1/4**	
1.375	3.0000	0.6875	0.0630 (1.6)	42.10	38.30	**CFL 11**	
	3.0000	0.6875	0.0630 (1.6)	42.10	38.30	**CRL 11**	
	3.0000	0.6875	0.0630 (1.6)	42.10	38.30	**LLRJ 1.3/8**	
	3.5000	0.8750	0.0945 (2.4)	66.00	57.50	**CRM 11**	
	3.5000	0.8750	0.0945 (2.4)	66.00	57.50	**MMRJ 1.3/8**	
1.500	2.6875	0.5625	0.0630 (1.6)	23.30	2.43	**XLRJ 1.1/2**	
	3.2500	0.7500	0.0945 (2.4)	54.00	48.80	**CFL 12**	
	3.2500	0.7500	0.0945 (2.4)	54.00	48.80	**CRL 12**	
	3.2500	0.7500	0.0945 (2.4)	54.00	48.80	**LLRJ 1.1/2**	
	3.7500	0.9375	0.0945 (2.4)	72.50	68.50	**CFM 12**	
	3.7500	0.9375	0.0945 (2.4)	72.50	68.50	**CRM 12**	
	3.7500	0.9375	0.0945 (2.4)	72.50	68.50	**MMRJ 1.1/2**	
1.625	2.8750	0.5625	0.0630 (1.6)	24.00	25.90	**XLRJ 1.5/8**	
	3.5000	0.7500	0.0945 (2.4)	57.50	54.00	**CRL 13**	
	3.5000	0.7500	0.0945 (2.4)	57.50	54.00	**LLRJ 1.5/8**	
	4.0000	0.9375	0.0945 (2.4)	85.50	83.00	**CRM 13**	
	4.0000	0.9375	0.0945 (2.4)	85.50	83.00	**MMRJ 1.5/8**	
1.750	3.0000	0.5625	0.0630 (1.6)	24.70	27.50	**XLRJ 1.3/4**	
	3.7500	0.8125	0.0945 (2.4)	68.00	63.00	**CFL 14**	
	3.7500	0.8125	0.0945 (2.4)	68.00	63.00	**CRL 14**	
	3.7500	0.8125	0.0945 (2.4)	68.00	63.00	**LLRJ 1.3/4**	
	4.2500	1.0625	0.0945 (2.4)	98.50	93.00	**CFM 14**	
	4.2500	1.0625	0.0945 (2.4)	98.50	93.00	**CRM 14**	
	4.2500	1.0625	0.0945 (2.4)	98.50	93.00	**MMRJ 1.3/4**	
1.875	3.1875	0.6250	0.0630 (1.6)	34.00	35.80	**XLRJ 1.7/8**	
	4.0000	0.8125	0.0945 (2.4)	72.00	79.00	**CRL 15**	
	4.0000	0.8125	0.0945 (2.4)	72.00	79.00	**LLRJ 1.7/8**	
	4.5000	1.0625	0.0945 (2.4)	98.50	94.50	**CRM 15**	•
	4.5000	1.0625	0.0945 (2.4)	98.50	94.50	**MMRJ 1.7/8**	
2.000	3.3125	0.6250	0.0630 (1.6)	35.30	38.20	**XLRJ 2**	
	4.0000	0.8125	0.0945 (2.4)	72.00	79.00	**CFL 16**	
	4.0000	0.8125	0.0945 (2.4)	72.00	79.00	**CRL 16**	
	4.0000	0.8125	0.0945 (2.4)	72.00	79.00	**LLRJ 2**	
	4.5000	1.0625	0.0945 (2.4)	98.50	94.50	**CFM 16**	
	4.5000	1.0625	0.0945 (2.4)	98.50	94.50	**CRM 16**	•
	4.5000	1.0625	0.0945 (2.4)	98.50	94.50	**MMRJ 2**	
2.250	3.5625	0.6250	0.0630 (1.6)	39.10	45.00	**XLRJ 2.1/4**	
	4.5000	0.8750	0.0945 (2.4)	87.50	89.50	**CFL 18**	
	4.5000	0.8750	0.0945 (2.4)	87.50	89.50	**CRL 18**	•
2.250	4.5000	0.8750	0.0945 (2.4)	87.50	89.50	**LLRJ 2.1/4**	
	5.0000	1.2500	0.1260 (3.2)	136.00	138.00	**CFM 18**	
	5.0000	1.2500	0.1260 (3.2)	136.00	138.00	**CRM 18**	
	5.0000	1.2500	0.1260 (3.2)	136.00	138.00	**MMRJ 2.1/4**	

Dimensions inch (mm)				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_0)		
2.500	3.8750	0.6875	0.0630 (1.6)	42.60	52.00	**XLRJ 2.1/2**	
	5.0000	0.9375	0.0945 (2.4)	102.00	114.00	**CFL 20**	
	5.0000	0.9375	0.0945 (2.4)	102.00	114.00	**CRL 20**	
	5.0000	0.9375	0.0945 (2.4)	102.00	114.00	**LLRJ 2.1/2**	
	5.5000	1.2500	0.1260 (3.2)	164.00	167.00	**CFM 20**	
	5.5000	1.2500	0.1260 (3.2)	164.00	167.00	**CRM 20**	●
	5.5000	1.2500	0.1260 (3.2)	164.00	167.00	**MMRJ 2.1/2**	
2.750	4.1250	0.6875	0.0630 (1.6)	42.10	52.50	**XLRJ 2.3/4**	
	5.2500	0.9375	0.0945 (2.4)	107.00	122.00	**CFL 22**	
	5.2500	0.9375	0.0945 (2.4)	107.00	122.00	**CRL 22**	
	5.2500	0.9375	0.0945 (2.4)	107.00	122.00	**LLRJ 2.3/4**	
	6.2500	1.3750	0.1260 (3.2)	205.00	216.00	**CFM 22**	
	6.2500	1.3750	0.1260 (3.2)	205.00	216.00	**CRM 22**	●
	6.2500	1.3750	0.1260 (3.2)	205.00	216.00	**MMRJ 2.3/4**	
3.000	4.5000	0.7500	0.0945 (2.4)	56.00	68.50	**XLRJ 3**	●
	5.7500	1.0625	0.0945 (2.4)	139.00	147.00	**CFL 24**	
	5.7500	1.0625	0.0945 (2.4)	139.00	147.00	**CRL 24**	
	5.7500	1.0625	0.0945 (2.4)	139.00	147.00	**LLRJ 3**	
	7.0000	1.5625	0.1575 (4)	234.00	248.00	**CFM 24**	
	7.0000	1.5625	0.1575 (4)	234.00	248.00	**CRM 24**	
	7.0000	1.5625	0.1575 (4)	234.00	248.00	**MMRJ 3**	
3.250	4.7500	0.7500	0.0945 (2.4)	59.50	75.00	**XLRJ 3.1/4**	●
	6.0000	1.0625	0.0945 (2.4)	151.00	172.00	**CFL 26**	●
	6.0000	1.0625	0.0945 (2.4)	151.00	172.00	**CRL 26**	●
	6.0000	1.0625	0.0945 (2.4)	151.00	172.00	**LLRJ 3.1/4**	●
	7.5000	1.5625	0.1575 (4)	263.00	285.00	**CRM 26**	●
	7.5000	1.5625	0.1575 (4)	263.00	285.00	**MMRJ 3.1/4**	●
	7.5000	1.5625	0.1575 (4)	263.00	285.00	**CRM 27**	●
	7.5000	1.5625	0.1575 (4)	263.00	285.00	**MMRJ 3.3/8**	●
3.500	5.0000	0.7500	0.0945 (2.4)	60.50	78.50	**XLRJ 3.1/2**	●
	5.0000	0.7500	0.0945 (2.4)	60.50	78.50	**XLRJA 3.1/2**	●
	6.5000	1.1250	0.1260 (3.2)	168.00	189.00	**CFL 28**	●
	6.5000	1.1250	0.1260 (3.2)	168.00	189.00	**CRL 28**	●
	6.5000	1.1250	0.1260 (3.2)	168.00	189.00	**LLRJ 3.1/2**	●
	8.1250	1.7500	0.1575 (4)	276.00	311.00	**CRM 28**	●
	8.1250	1.7500	0.1575 (4)	276.00	311.00	**MMRJ 3.1/2**	●
	5.2500	0.7500	0.0945 (2.4)	62.00	82.50	**XLRJ 3.3/4**	●
	6.7500	1.1250	0.1260 (3.2)	192.00	230.00	**CRL 30**	●
	6.7500	1.1250	0.1260 (3.2)	192.00	230.00	**LLRJ 3.3/4**	●
	8.2500	1.7500	0.1575 (4)	276.00	311.00	**CRM 30**	●
	8.2500	1.7500	0.1575 (4)	276.00	311.00	**MMRJ 3.3/4**	●
4.000	5.6250	0.8750	0.0945 (2.4)	80.00	105.00	**XLRJ 4**	●
	7.2500	1.2500	0.1260 (3.2)	173.00	219.00	**CFL 32**	●
	7.2500	1.2500	0.1260 (3.2)	173.00	219.00	**CRL 32**	●
	7.2500	1.2500	0.1260 (3.2)	302.00	359.00	**LLRJ 4**	●
	8.5000	1.7500	0.1575 (4)	302.00	359.00	**CRM 32**	●
	8.5000	1.7500	0.1575 (4)	302.00	359.00	**MMRJ 4**	●
4.250	6.0000	0.8750	0.0945 (2.4)	84.00	114.00	**XLRJ 4.1/4**	●

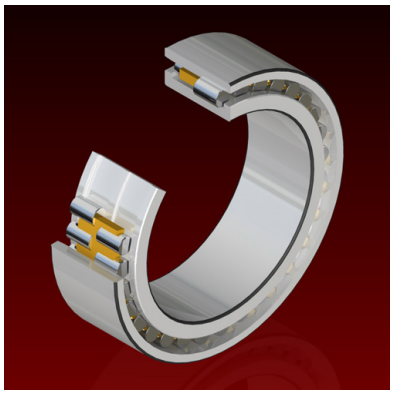
Dimensions inch (mm)				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_0)		
	7.5000	1.2500	0.1260 (3.2)	222.00	270.00	**CRL 34**	●
	7.5000	1.2500	0.1260 (3.2)	222.00	270.00	**LLRJ 4.1/4**	●
	8.7500	1.7500	0.1890 (4.8)	302.00	359.00	**CRM 34**	●
	8.7500	1.7500	0.1890 (4.8)	302.00	359.00	**MMRJ 4.1/4**	●
4.500	6.2500	0.8750	0.0945 (2.4)	80.00	124.00	**XLRJ 4.1/2**	●
	8.0000	1.3125	0.1260 (3.2)	229.00	288.00	**CRL 36**	●
	8.0000	1.3125	0.1260 (3.2)	229.00	288.00	**LLRJ 4.1/2**	●
	9.3750	2.0000	0.1890 (4.8)	417.00	478.00	**CRM 36**	●
	9.3750	2.0000	0.1890 (4.8)	417.00	478.00	**MMRJ 4.1/2**	●
4.750	6.5000	0.8750	0.0945 (2.4)	92.00	133.00	**XLRJ 4.3/4**	●
	8.2500	1.3125	0.1260 (3.2)	264.00	331.00	**CRL 38**	●
	8.2500	1.3125	0.1260 (3.2)	264.00	331.00	**LLRJ 4.3/4**	●
	10.0000	2.0000	0.1890 (4.8)	478.00	568.00	**CRM 38**	●
	10.0000	2.0000	0.1890 (4.8)	478.00	568.00	**MMRJ 4.3/4**	●
5.000	7.0000	1.0000	0.0945 (2.4)	113.00	161.00	**XLRJ 5**	●
	9.0000	1.3750	0.1260 (3.2)	281.00	369.00	**CRL 40**	●
	9.0000	1.3750	0.1260 (3.2)	281.00	369.00	**LLRJ 5**	●
	10.0000	2.0000	0.1890 (4.8)	478.00	568.00	**CRM 40**	●
	10.0000	2.0000	0.1890 (4.8)	478.00	568.00	**MMRJ 5**	●
5.250	7.2500	1.0000	0.0945 (2.4)	112.00	161.00	**XLRJ 5.1/4**	●
5.500	7.5000	1.0000	0.0945 (2.4)	117.00	174.00	**XLRJ 5.1/2**	●
	9.5000	1.3750	0.1260 (3.2)	288.00	389.00	**CRL 44**	●
	9.5000	1.3750	0.1260 (3.2)	288.00	389.00	**LLRJ 5.1/2**	●
	11.0000	2.0000	0.1890 (4.8)	545.00	668.00	**CRM 44**	●
	11.0000	2.0000	0.1890 (4.8)	545.00	668.00	**MMRJ 5.1/2**	●
5.750	7.7500	1.0000	0.0945 (2.4)	122.00	186.00	**XLRJ 5.3/4**	●
6.000	8.0000	1.0000	0.0945 (2.4)	127.00	198.00	**XLRJ 6**	●
	10.5000	1.5625	0.1575 (4)	325.00	450.00	**CRL 48**	●
	10.5000	1.5625	0.1575 (4)	325.00	450.00	**LLRJ 6**	●
	12.0000	2.2500	0.1890 (4.8)	640.00	795.00	**CRM 48**	●
	12.0000	2.2500	0.1890 (4.8)	640.00	795.00	**MMRJ 6**	●
6.500	8.7500	1.1250	0.1260 (3.2)	131.00	211.00	**XLRJ 6.1/2**	●
	11.0000	1.5625	0.1575 (4)	369.00	471.00	**CRL 52**	●
	11.0000	1.5625	0.1575 (4)	369.00	471.00	**LLRJ 6.1/2**	●
	13.0000	2.5000	0.1890 (4.8)	749.00	940.00	**CRM 52**	●
	13.0000	2.5000	0.1890 (4.8)	749.00	940.00	**MMRJ 6.1/2**	●
7.000	9.5000	1.2500	0.1260 (3.2)	194.00	307.00	**XLRJ 7**	●
	12.0000	1.7500	0.1575 (4)	477.00	645.00	**CRL 56**	●
	12.0000	1.7500	0.1575 (4)	477.00	645.00	**LLRJ 7**	●
	13.5000	2.5000	0.1890 (4.8)	747.00	950.00	**CRM 56**	●
7.500	10.0000	1.2500	0.1260 (3.2)	200.00	327.00	**XLRJ 7.1/2**	●
	12.5000	1.7500	0.1575 (4)	508.00	712.00	**CRL 60**	●
	12.5000	1.7500	0.1575 (4)	508.00	712.00	**LLRJ 7.1/2**	●
	14.5079	2.7500	0.1890 (4.8)	838.00	1100.00	**CRM 60**	●
8.000	10.7500	1.3750	0.1260 (3.2)	230.00	373.00	**XLRJ 8**	●
	13.0000	1.7500	0.1575 (4)	537.00	779.00	**CRL 64**	●
	13.0000	1.7500	0.1575 (4)	537.00	779.00	**LLRJ 8**	●
	15.0000	2.7500	0.1890 (4.8)	870.00	1170.00	**CRM 64**	●

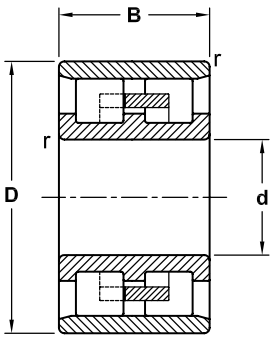
Dimensions inch (mm)				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_0)		
8.500	11.5000	1.5000	0.1260 (3.2)	259.00	417.00	**XLRJ 8.1/2**	●
	14.0000	2.0000	0.1890 (4.8)	531.00	786.00	**CRL 68**	●
	14.0000	2.0000	0.1890 (4.8)	531.00	786.00	**LLRJ 8.1/2**	●
	16.0000	3.0000	0.1890 (4.8)	959.00	1280.00	**CRM 68**	●
9.000	12.0000	1.5000	0.1260 (3.2)	269.00	445.00	**XLRJ 9**	●
	14.5000	2.0000	0.1890 (4.8)	644.00	952.00	**CRL 72**	●
	14.5000	2.0000	0.1890 (4.8)	644.00	952.00	**LLRJ 9**	●
	17.0000	3.0000	0.1890 (4.8)	1065.00	1460.00	**CRM 72**	●
9.500	12.7500	1.6250	0.1575 (4)	313.00	521.00	**XLRJ 9.1/2**	●
	15.1250	2.0000	0.1890 (4.8)	556.00	856.00	**CRL 76**	●
	15.1250	2.0000	0.1890 (4.8)	556.00	856.00	**LLRJ 9.1/2**	●
	18.0000	3.2500	0.1890 (4.8)	1230.00	1640.00	**CRM 76**	●
10.000	13.2500	1.6250	0.1575 (4)	310.00	523.00	**XLRJ 10**	●
	15.7500	2.0000	0.1890 (4.8)	674.00	1040.00	**CRL 80**	●
	15.7500	2.0000	0.1890 (4.8)	674.00	1040.00	**LLRJ 10**	●
	18.5000	3.0000	0.1890 (4.8)	1190.00	1650.00	**CRM 80**	●
10.500	14.0000	1.7500	0.1575 (4)	373.00	640.00	**XLRJ 10.1/2**	●
	16.6250	2.2500	0.1890 (4.8)	671.00	1020.00	**CRL 84**	●
	16.6250	2.2500	0.1890 (4.8)	671.00	1020.00	**LLRJ 10.1/2**	●
	19.5000	3.5000	0.25 (6.35)	1330.00	1870.00	**CRM 84**	●
11.000	14.5000	1.7500	0.1575 (4)	386.00	678.00	**XLRJ 11**	●
	17.5000	2.2500	0.1890 (4.8)	706.00	1110.00	**CRL 88**	●
	17.5000	2.2500	0.1890 (4.8)	706.00	1110.00	**LLRJ 11**	●
	20.0000	3.5000	0.25 (6.35)	1330.00	1880.00	**CRM 88**	●
11.500	15.2500	1.8750	0.1575 (4)	423.00	736.00	**XLRJ 11.1/2**	●
	18.0000	2.3437	0.1890 (4.8)	839.00	1310.00	**CRL 92**	●
12.000	16.0000	2.0000	0.1890 (4.8)	477.00	836.00	**XLRJ 12**	●
	18.5000	2.6250	0.1890 (4.8)	858.00	136.00	**CRL 96**	●
	18.5000	2.6250	0.1890 (4.8)	858.00	136.00	**LLRJ 12**	●
	21.5000	3.7500	0.25 (6.35)	1720.00	2480.00	**CRM 96**	●
13.000	17.5000	2.2500	0.1890 (4.8)	571.00	993.00	**XLRJ 13**	●
	20.0000	2.7500	0.1890 (4.8)	1030.00	1680.00	**CRL 104**	●
	20.0000	2.7500	0.1890 (4.8)	1030.00	1680.00	**LLRJ 13**	●
14.000	18.5000	2.2500	0.1890 (4.8)	564.00	998.00	**XLRJ 14**	●
	21.5000	2.8750	0.1890 (4.8)	1140.00	1960.00	**CRL 112**	●
	21.5000	2.8750	0.1890 (4.8)	1140.00	1960.00	**LLRJ 14**	●
15.0000	20.0000	2.5000	0.1890 (4.8)	705.00	1260.00	**XLRJ 15**	●
	22.5000	3.0000	0.1890 (4.8)	1220.00	1940.00	**CRL 120**	●
	22.5000	3.0000	0.1890 (4.8)	1220.00	1940.00	**LLRJ 15**	●

Cylindrical Roller Bearings

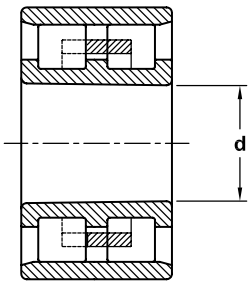
Double Row
Metric Series

NN, NNU

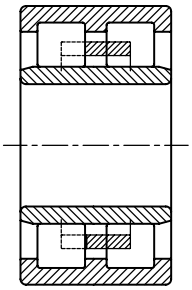




NN



NN (Tapered Bore)



NNU

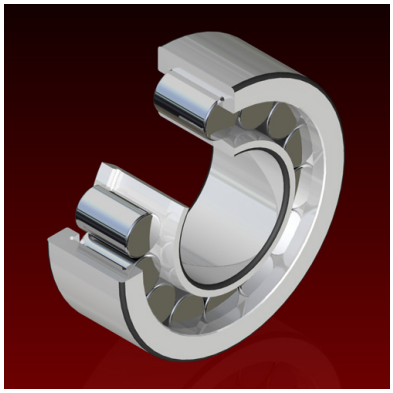
Dimensions mm				Load Rating kN		AEC Bearing	M	K
d	D	B	r	Dynamic (C)	Static (C_O)			
30	55	19	1.0	29.0	34.0	**NN 3006**	•	•
35	62	20	1.0	35.5	44.0	**NN 3007**	•	•
40	68	21	1.0	45.0	58.5	**NN 3008**	•	•
45	75	23	1.0	54.0	72.0	**NN 3009**	•	•
50	80	23	1.0	57.0	80.0	**NN 3010**	•	•
55	90	26	1.1	72.0	100.0	**NN 3011**	•	•
60	95	26	1.1	75.0	110.0	**NN 3012**	•	•
65	100	26	1.1	76.5	116.0	**NN 3013**	•	•
70	110	30	1.1	98.0	150.0	**NN 3014**	•	•
75	115	30	1.1	100.0	156.0	**NN 3015**	•	•
80	125	34	1.1	120.0	186.0	**NN 3016**	•	•
85	130	34	1.1	125.0	200.0	**NN 3017**	•	•
90	140	37	1.5	140.0	224.0	**NN 3018**	•	•
95	145	37	1.5	143.0	236.0	**NN 3019**	•	•
100	140	40	1.1	129.0	255.0	**NNU 4920**	•	•
	150	37	1.5	146.0	245.0	**NN 3020**	•	•
105	145	40	1.1	129.0	260.0	**NNU 4921**	•	•
	160	41	2.0	190.0	310.0	**NN 3021**	•	•
110	150	40	1.1	132.0	270.0	**NNU 4922**	•	•
	170	45	2.0	220.0	360.0	**NN 3022**	•	•
120	165	45	1.1	176.0	340.0	**NNU 4924**	•	•
	180	46	2.0	232.0	390.0	**NN 3024**	•	•
130	180	50	1.5	190.0	390.0	**NNU 4926**	•	•
	200	52	2.0	290.0	500.0	**NN 3026**	•	•
140	190	50	1.5	190.0	400.0	**NNU 4928**	•	•
	210	53	2.0	300.0	520.0	**NN 3028**	•	•

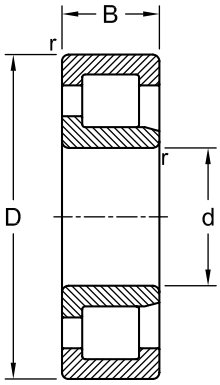
Dimensions mm				Load Rating kN		AEC Bearing	M	K
d	D	B	r	Dynamic (C)	Static (C_O)			
150	210	60	2.0	325.0	655.0	**NNU 4930**	●	●
	225	56	2.1	335.0	585.0	**NN 3030**	●	●
160	220	60	2.0	335.0	680.0	**NNU 4932**	●	●
	240	60	2.1	375.0	670.0	**NN 3032**	●	●
170	230	60	2.0	340.0	695.0	**NNU 4934**	●	●
	260	67	2.1	450.0	800.0	**NN 3034**	●	●
180	250	69	2.0	405.0	850.0	**NNU 4936**	●	●
	280	74	2.1	570.0	1000.0	**NN 3036**	●	●
190	260	69	2.0	405.0	880.0	**NNU 4938**	●	●
	290	75	2.1	585.0	1040.0	**NN 3038**	●	●
200	280	80	2.1	490.0	1040.0	**NNU 4940**	●	●
	310	82	2.1	655.0	1200.0	**NN 3040**	●	●
220	300	80	2.1	510.0	1140.0	**NNU 4944**	●	●
	340	90	3.0	800.0	1460.0	**NN 3044**	●	●
240	320	80	2.1	530.0	1200.0	**NNU 4948**	●	●
	360	92	3.0	850.0	1560.0	**NN 3048**	●	●
260	360	100	2.1	750.0	1700.0	**NNU 4952**	●	●
	400	104	4.0	1060.0	2000.0	**NN 3052**	●	●
280	380	100	2.1	765.0	1800.0	**NNU 4956**	●	●
	420	106	4.0	1080.0	2080.0	**NN 3056**	●	●
300	420	118	3.0	1040.0	2400.0	**NNU 4960**	●	●
	460	118	4.0	1270.0	2400.0	**NN 3060**	●	●
320	440	118	3.0	1060.0	2550.0	**NNU 4964**	●	●
	480	121	4.0	1320.0	2600.0	**NN 3064**	●	●
340	520	133	5.0	1630.0	3250.0	**NN 3068**	●	●
360	540	134	5.0	1660.0	3350.0	**NN 3072**	●	●
380	560	135	5.0	1700.0	3450.0	**NN 3076**	●	●
400	600	148	5.0	2160.0	4500.0	**NN 3080**	●	●
420	620	150	5.0	2120.0	4500.0	**NN 3084**	●	●
440	650	157	6.0	2450.0	5100.0	**NN 3088**	●	●
460	680	163	6.0	2600.0	5400.0	**NN 3092**	●	●
480	700	165	6.0	2700.0	5850.0	**NN 3096**	●	●
500	720	167	6.0	2650.0	5850.0	**NN 30/500**	●	●

Cylindrical Roller Bearings

Full Complement
Metric Series

NJG



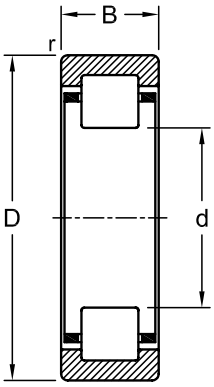


Dimensions mm				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
25	62	24	1.1	68.2	68.0	**NJG 2305**
30	72	27	1.1	84.2	86.5	**NJG 2306**
35	80	31	1.5	108.0	114.0	**NJG 2307**
40	90	33	1.5	145.0	156.0	**NJG 2308**
45	100	36	1.5	172.0	196.0	**NJG 2309**
50	110	40	2.0	198.0	220.0	**NJG 2310**
55	120	43	2.0	233.0	260.0	**NJG 2311**
65	140	48	2.1	303.0	360.0	**NJG 2313**
70	150	51	2.1	336.0	400.0	**NJG 2314**
75	160	55	2.1	396.0	480.0	**NJG 2315**
80	170	58	2.1	457.0	570.0	**NJG 2316**
85	180	60	3.0	484.0	620.0	**NJG 2317**
90	190	64	3.0	550.0	680.0	**NJG 2318**
100	215	73	3.0	704.0	900.0	**NJG 2320**
110	240	80	3.0	858.0	1060.0	**NJG 2322**
120	260	86	3.0	935.0	1200.0	**NJG 2324**
130	280	93	4.0	1080.0	1430.0	**NJG 2326**
140	300	102	4.0	1230.0	1660.0	**NJG 2328**
150	320	108	4.0	1450.0	1930.0	**NJG 2330**

Cylindrical Roller Bearings

Without Inner Ring
Metric Series

RNU

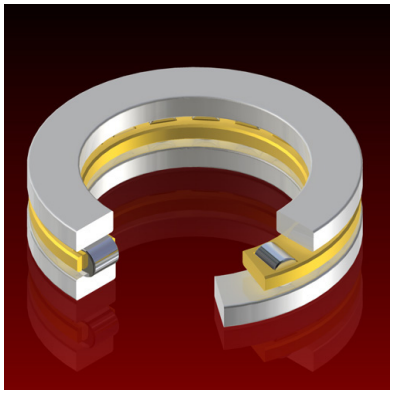


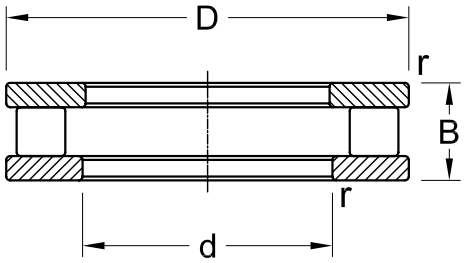
Dimensions mm				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
27.0	47	18	1.5	21.0	17.8	**RNU 2204**	
35.0	62	17	2.0	29.3	24.3	**RNU 305**	•
42.0	72	19	2.0	38.7	33.2	**RNU 306**	
46.2	80	31	2.5	61.5	58.1	**RNU 2307**	•
50.0	80	18	2.0	43.8	40.5	**RNU 208**	•
58.5	100	25	2.5	75.0	683.0	**RNU 309**	•
	100	36	2.5	102.0	101.0	**RNU 2309**	
64.5	120	29	2.0	106.0	102.0	**RNU 409**	
66.5	100	21	2.5	58.4	59.2	**RNU 211**	
79.6	120	23	2.5	79.9	83.2	**RNU 213**	
135.0	180	28	2.0	134.0	183.0	**RNU 1024**	•
169.0	250	42	4.0	325.0	396.0	**RNU 228**	•
27.0	47	18	1.5	21.0	17.8	**RNU 2204**	
35.0	62	17	2.0	29.3	24.3	**RNU 305**	•
42.0	72	19	2.0	38.7	33.2	**RNU 306**	
46.2	80	31	2.5	61.5	58.1	**RNU 2307**	•
50.0	80	18	2.0	43.8	40.5	**RNU 208**	•
58.5	100	25	2.5	75.0	683.0	**RNU 309**	•
	100	36	2.5	102.0	101.0	**RNU 2309**	
64.5	120	29	2.0	106.0	102.0	**RNU 409**	

Cylindrical Roller Bearings

Thrust
Metric Series

811, 812





Dimensions mm				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
15	28	9	0.3	11.2	27.0	**81102**
17	30	9	0.3	11.6	29.0	**81103**
20	35	10	0.3	17.6	44.0	**81104**
25	42	11	0.6	24.0	65.5	**81105**
30	47	11	0.6	24.5	69.5	**81106**
	52	16	0.6	50.0	134.0	**81206**
35	52	12	0.6	27.0	83.0	**81107**
	62	18	1.0	62.0	190.0	**81207**
40	60	13	0.6	38.0	118.0	**81108**
	68	19	1.0	83.0	255.0	**81208**
45	65	14	0.6	40.5	132.0	**81109**
	73	20	1.0	86.5	270.0	**81209**
50	70	14	0.6	42.5	146.0	**81110**
	78	22	1.0	91.5	300.0	**81210**
55	78	16	0.6	69.5	285.0	**81111**
	90	25	1.0	116.0	365.0	**81211**
60	85	17	1.0	80.0	300.0	**81112**
	95	26	1.0	137.0	465.0	**81212**
65	90	18	1.0	83.0	320.0	**81113**
	100	27	1.0	140.0	490.0	**81213**
70	95	18	1.0	86.5	345.0	**81114**
	105	27	1.0	146.0	530.0	**81214**
75	100	19	1.0	75.0	290.0	**81115**
	110	27	1.0	125.0	440.0	**81215**
80	105	19	1.0	76.5	300.0	**81116**
	115	28	1.0	160.0	610.0	**81216**
85	110	19	1.0	76.5	310.0	**81117**
	125	31	1.0	153.0	550.0	**81217**

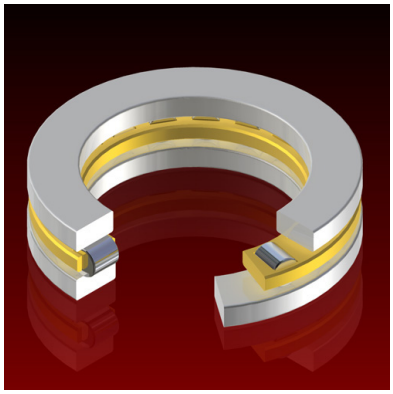
Dimensions mm				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
90	120	22	1.0	104.0	415.0	**81118**
	135	35	1.1	232.0	865.0	**81218**
100	135	25	1.0	146.0	585.0	**81120**
	150	38	1.1	224.0	830.0	**81220**
110	145	25	1.0	153.0	630.0	**81122**
	160	38	1.1	240.0	915.0	**81222**
120	155	25	1.0	160.0	680.0	**81124**
	170	39	1.1	245.0	965.0	**81224**
130	170	30	1.0	183.0	780.0	**81126**
	190	45	1.5	335.0	1250.0	**81226**
140	180	31	1.0	193.0	850.0	**81128**
	200	46	1.5	360.0	1400.0	**81228**
150	190	31	1.0	200.0	900.0	**81130**
	215	50	1.5	465.0	1900.0	**81230**
160	200	31	1.0	204.0	965.0	**81132**
	225	51	1.5	480.0	2000.0	**81232**
170	215	34	1.1	260.0	1180.0	**81134**
	240	55	1.5	540.0	2280.0	**81234**
180	225	34	1.1	270.0	1270.0	**81136**
	250	56	1.5	550.0	2400.0	**81236**
190	240	37	1.1	310.0	1460.0	**81138**
	270	62	2.0	695.0	2900.0	**81238**
200	250	37	1.1	310.0	1500.0	**81140**
	280	62	2.0	720.0	3100.0	**81240**
220	270	37	1.1	335.0	1700.0	**81144**
	300	63	2.0	750.0	3350.0	**81244**
240	300	45	1.5	475.0	2450.0	**81148**
	340	78	2.1	1100.0	4900.0	**81248**
260	320	45	1.5	490.0	2600.0	**81152**
	360	79	2.1	1140.0	5300.0	**81252**
280	350	53	1.5	680.0	3550.0	**81156**
	380	80	2.1	1160.0	5500.0	**81256**
300	380	62	2.0	850.0	4400.0	**81160**
	420	95	3.0	1530.0	7200.0	**81260**
320	400	63	2.0	880.0	4650.0	**81164**
	440	95	3.0	1560.0	7500.0	**81264**
340	420	64	2.0	900.0	4900.0	**81168**
	460	96	3.0	1630.0	8000.0	**81268**
360	440	65	2.0	915.0	5000.0	**81172**
	500	110	4.0	2160.0	10400.0	**81272**
380	460	65	2.0	930.0	5300.0	**81176**
	520	112	4.0	2200.0	10800.0	**81276**

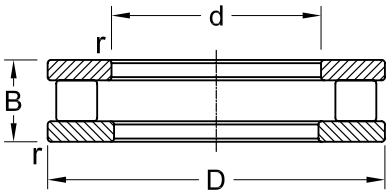
Dimensions mm				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
400	480	65	2.0	965.0	5600.0	**81180**
	540	112	4.0	2240.0	11200.0	**81280**
420	500	65	2.0	980.0	5850.0	**81184**
	580	130	5.0	2850.0	14000.0	**81284**
440	540	80	2.1	1430.0	8000.0	**81188**
	600	130	5.0	2900.0	14600.0	**81288**
460	560	80	2.1	1460.0	8500.0	**81192**
	620	130	5.0	3000.0	15300.0	**81292**
480	580	80	2.1	1460.0	8650.0	**81196**
	650	135	5.0	3350.0	17000.0	**81296**
500	600	80	2.1	1530.0	9150.0	**811/500**
	670	135	5.0	3400.0	17600.0	**812/500**
530	640	85	3.0	1700.0	10400.0	**811/530**
	710	140	5.0	3800.0	20000.0	**812/530**
560	670	85	3.0	1760.0	10800.0	**811/560**
	750	150	5.0	3900.0	20800.0	**812/560**
600	710	85	3.0	1760.0	11200.0	**811/600**
	800	160	5.0	4400.0	24000.0	**812/600**
630	750	95	3.0	2160.0	13700.0	**811/630**

Cylindrical Roller Bearings

Thrust
Inch Series

T, AT





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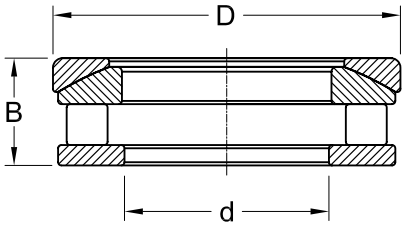


AT

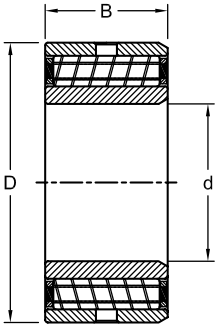
Dimensions inch (mm)				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
1.000	2.125	0.812	0.0315 (0.8)	44.5	38.1	**T 601**
	2.250	1.062	0.0315 (0.8)	44.5	38.1	**AT 601**
1.062	2.125	0.812	0.0315 (0.8)	44.5	38.1	**T 602**
	2.250	1.062	0.0315 (0.8)	44.5	38.1	**AT 602**
1.125	2.250	0.812	0.0315 (0.8)	51.2	52.1	**T 603**
	2.375	1.062	0.0315 (0.8)	51.2	52.1	**AT 603**
1.187	2.250	0.812	0.0315 (0.8)	51.2	52.1	**T 604**
	2.375	1.062	0.0315 (0.8)	51.2	52.1	**AT 604**
1.250	2.375	0.812	0.0315 (0.8)	56.5	57.8	**T 605**
	2.500	1.062	0.0315 (0.8)	56.5	57.8	**AT 605**
1.312	2.375	0.812	0.0315 (0.8)	56.5	57.8	**T 606**
	2.500	1.062	0.0315 (0.8)	56.5	57.8	**AT 606**
1.375	2.875	0.812	0.0315 (0.8)	69.4	96.1	**T 607**
	3.000	1.062	0.0315 (0.8)	69.4	96.1	**AT 607**
1.437	2.875	0.812	0.0315 (0.8)	69.4	96.1	**T 608**
	3.000	1.062	0.0315 (0.8)	69.4	96.1	**AT 608**
1.500	3.000	0.812	0.0315 (0.8)	75.2	105.0	**T 609**
	3.125	1.062	0.0315 (0.8)	75.2	105.0	**AT 609**
1.562	3.000	0.812	0.0315 (0.8)	75.2	105.0	**T 610**
	3.125	1.062	0.0315 (0.8)	75.2	105.0	**AT 610**
1.625	3.250	1.000	0.0630 (1.6)	109.0	136.0	**T 611**
	3.375	1.312	0.0630 (1.6)	109.0	136.0	**AT 611**
1.687	3.250	1.000	0.0630 (1.6)	109.0	136.0	**T 612**
	3.375	1.312	0.0630 (1.6)	109.0	136.0	**AT 612**
1.750	3.375	1.000	0.0630 (1.6)	118.5	150.0	**T 613**
	3.500	1.312	0.0630 (1.6)	118.5	150.0	**AT 613**
1.812	3.375	1.000	0.0630 (1.6)	118.5	150.0	**T 614**
	3.500	1.312	0.0630 (1.6)	118.5	150.0	**AT 614**
1.875	3.500	1.000	0.0630 (1.6)	118.5	150.0	**T 615**
	3.625	1.312	0.0630 (1.6)	118.5	150.0	**AT 615**
1.937	3.500	1.000	0.0630 (1.6)	118.5	150.0	**T 616**
	3.625	1.312	0.0630 (1.6)	118.5	150.0	**AT 616**

Dimensions inch (mm)				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
2.000	3.625	1.000	0.0630 (1.6)	118.5	150.0	**T 617**
	3.750	1.312	0.0630 (1.6)	118.5	150.0	**AT 617**
2.125	3.750	1.000	0.0630 (1.6)	128.0	164.0	**T 618**
	3.875	1.312	0.0630 (1.6)	128.0	164.0	**AT 618**
2.250	3.875	1.000	0.0630 (1.6)	137.0	178.0	**T 619**
	4.000	1.312	0.0630 (1.6)	137.0	178.0	**AT 619**
2.375	4.000	1.000	0.0630 (1.6)	142.0	178.0	**T 620**
	4.125	1.312	0.0630 (1.6)	142.0	178.0	**AT 620**
2.500	4.125	1.000	0.0630 (1.6)	148.0	191.0	**T 621**
	4.250	1.312	0.0630 (1.6)	148.0	191.0	**AT 621**
2.625	4.343	1.000	0.0630 (1.6)	165.0	205.0	**T 622**
	4.530	1.312	0.0630 (1.6)	165.0	205.0	**AT 622**
2.750	4.468	1.000	0.0630 (1.6)	144.0	218.0	**T 623**
	4.655	1.312	0.0630 (1.6)	144.0	218.0	**AT 623**
3.000	4.718	1.000	0.0630 (1.6)	178.0	232.0	**T 624**
	4.968	1.312	0.0630 (1.6)	178.0	232.0	**AT 624**
3.250	4.968	1.000	0.0630 (1.6)	174.0	232.0	**T 625**
	5.218	1.312	0.0630 (1.6)	174.0	232.0	**AT 625**
3.500	5.218	1.000	0.0630 (1.6)	183.0	245.0	**T 626**
	5.468	1.312	0.0630 (1.6)	183.0	245.0	**AT 626**

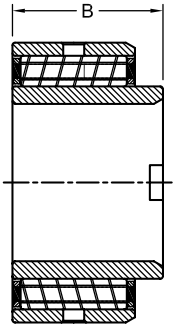
Flexible Roller Bearings

Metric Series

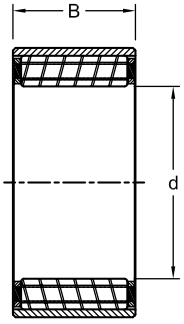
FLW



FLW



15000

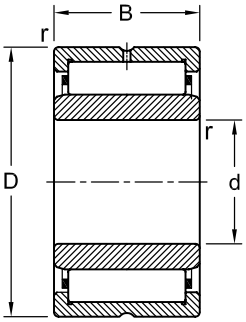


45000

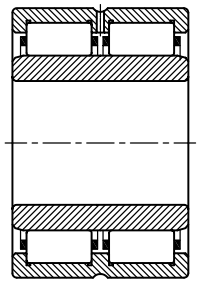
Dimensions mm			Load Rating kN		AEC Bearing
d	D	B	Dynamic (C)	Static (C_O)	
50	90	44	180.4	449.9	**FLW 50**
55	102	75	268.5	506.0	**45211**
	102	100	345.8	700.5	**45511**
60	110	49	249.6	627.3	**FLW 60**
75	130	67	363.7	1047.7	**FLW 75**
90	160	70	507.9	1386.7	**FLW 90**
100	180	82	632.7	1733.5	**FLW 100**
120	215	98	861.0	2515.9	**FLW 120**
130	230	110	1024.7	2946.3	**FLW 130**
	230	160	1024.7	2946.3	**15826**
140	250	120	1207.6	3735.6	**FLW 140**
160	290	124	1450.7	4234.5	**FLW 160**
180	320	149	1853.1	5601.4	**FLW 180**
200	340	175	2181.1	7069.0	**FLW 200**
	340	240	2181.1	7069.0	**15740**

Needle Roller Bearings

Metric Series **NA, NKI, NKIS**



NA 49/NKI/NKIS



NA 69

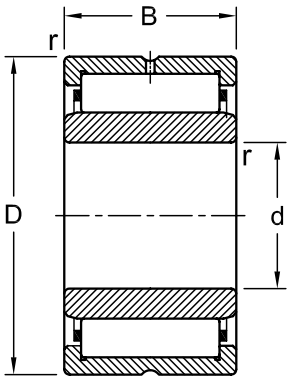
Dimensions mm				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
10	22	14	0.3	8.5	13.9	**NA 4900**
	22	16	0.3	10.1	11.5	**NKI 10/16**
	22	20	0.3	12.8	15.6	**NKI 10/20**
	28	16	0.6	15.7	15.8	**NKIS 10**
12	24	13	0.3	9.4	10.9	**NA 4901**
	24	16	0.3	11.3	13.9	**NKI 12/16**
	24	20	0.3	14.4	18.8	**NKI 12/20**
	24	22	0.3	16.0	21.6	**NA 6901**
	30	16	0.6	16.8	17.7	**NKIS 12**
15	27	16	0.3	13.0	17.4	**NKI 15/16**
	27	20	0.3	16.5	23.6	**NKI 15/20**
	28	13	0.3	10.6	13.6	**NA 4902**
	28	23	0.3	17.3	25.5	**NA 6902**
	35	20	0.6	24.5	28.0	**NKIS 15**
17	29	16	0.3	13.5	18.7	**NKI 17/16**
	29	20	0.3	17.1	25.5	**NKI 17/20**
	30	13	0.3	11.0	14.6	**NA 4903**
	30	23	0.3	18.6	29.0	**NA 6903**
	37	20	0.6	26.0	31.0	**NKIS 17**
20	32	16	0.3	15.0	22.3	**NKI 20/16**
	32	20	0.3	19.0	30.5	**NKI 20/20**
	37	17	0.3	21.0	25.5	**NA 4904**
	37	30	0.3	36.0	51.0	**NA 6904**
	42	20	0.6	28.5	36.5	**NKIS 20**
22	34	16	0.3	15.3	23.6	**NKI 22/16**
	34	20	0.3	19.4	32.0	**NKI 22/20**
25	38	20	0.3	21.9	34.0	**NKI 25/20**
	38	30	0.3	32.5	57.0	**NKI 25/30**
	42	17	0.3	23.6	31.5	**NA 4905**
	42	30	0.3	39.0	59.0	**NA 6905**
	47	22	0.6	33.5	43.5	**NKIS 25**
28	42	20	0.3	23.1	37.5	**NKI 28/20**

Dimensions mm				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
	42	30	0.3	34.5	63.0	**NKI 28/30**
30	45	20	0.3	24.3	41.5	**NKI 30/20**
	45	30	0.3	36.5	69.0	**NKI 30/30**
	47	17	0.3	25.0	35.5	**NA 4906**
	47	17	0.3	43.5	71.0	**NA 6906**
	52	22	0.6	36.5	50.0	**NKIS 30**
32	47	20	0.3	24.9	43.5	**NKI 32/20**
	47	30	0.3	37.0	73.0	**NKI 32/30**
35	50	20	0.3	26.0	47.0	**NKI 35/20**
	50	30	0.3	39.0	79.0	**NKI 35/30**
	55	20	0.6	31.5	50.0	**NA 4907**
	55	36	0.6	48.0	86.0	**NA 6907**
	58	22	0.6	39.0	57.0	**NKIS 35**
38	53	20	0.3	27.0	51.0	**NKI 38/20**
	53	30	0.3	40.5	85.0	**NKI 38/30**
40	55	20	0.3	27.5	53.0	**NKI 40/20**
	55	30	0.3	41.0	88.0	**NKI 40/30**
	62	22	0.6	43.0	67.0	**NA 4908**
	62	40	0.6	66.0	116.0	**NA 6908**
	65	22	1.0	42.5	67.0	**NKIS 40**
42	57	20	0.3	28.5	56.0	**NKI 42/20**
	57	30	0.3	43.0	94.0	**NKI 42/30**
45	62	25	0.6	38.0	74.0	**NKI 45/25**
	62	35	0.6	50.0	106.0	**NKI 45/35**
	68	22	0.6	45.0	73.0	**NA 4909**
	68	40	0.6	69.0	127.0	**NA 6909**
	72	22	1.0	45.0	740.0	**NKIS 45**
50	68	25	0.6	40.0	82.0	**NKI 50/25**
	68	35	0.6	53.0	118.0	**NKI 50/35**
50	72	22	0.6	47.0	80.0	**NA 4910**
	72	40	0.6	73.0	139.0	**NA 6910**
	80	28	1.1	63.0	98.0	**NKIS 50**
55	72	25	0.6	42.0	90.0	**NKI 55/25**
	72	35	0.6	56.0	130.0	**NKI 55/35**
	80	25	1.0	58.0	100.0	**NA 4911**
	80	45	1.0	90.0	176.0	**NA 6911**
	85	28	1.1	67.0	108.0	**NKIS 55**
60	82	25	0.6	43.5	89.0	**NKI 60/25**
	82	35	0.6	62.0	139.0	**NKI 60/35**
	85	25	1.0	60.0	108.0	**NA 4912**
	85	45	1.0	94.0	191.0	**NA 6912**
	90	28	1.1	68.0	113.0	**NKIS 60**
65	90	25	1.0	53.0	100.0	**NKI 65/25**
	90	25	1.0	61.0	112.0	**NA 4913**
	90	35	1.0	75.0	156.0	**NKI 65/35**
65	90	45	1.0	95.0	198.0	**NA 6913**
	95	28	1.1	71.0	123.0	**NKIS 65**
70	95	25	1.0	56.0	119.0	**NKI 70/25**

Dimensions mm				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
	95	35	1.0	78.0	184.0	**NKI 70/35**
	100	30	1.0	84.0	156.0	**NA 4914**
	100	54	1.0	128.0	265.0	**NA 6914**
	100	28	1.1	75.0	133.0	**NKIS 70**
75	105	25	1.0	69.0	123.0	**NKI 75/25**
	105	30	1.0	86.0	162.0	**NA 4915**
	105	35	1.0	98.0	193.0	**NKI 75/35**
	105	54	1.0	130.0	275.0	**NA 6915**
80	110	25	1.0	72.0	132.0	**NKI 80/25**
	110	30	1.0	89.0	174.0	**NA 4916**
	110	35	1.0	103.0	208.0	**NKI 80/35**
	110	54	1.0	135.0	300.0	**NA 6916**
85	115	26	1.0	73.0	137.0	**NKI 85/26**
	115	36	1.0	107.0	223.0	**NKI 85/36**
	120	35	1.1	111.0	237.0	**NA 4917**
	120	63	1.1	166.0	400.0	**NA 6917**
90	120	26	1.0	76.0	146.0	**NKI 90/26**
	120	36	1.0	111.0	237.0	**NKI 90/36**
	125	35	1.1	114.0	250.0	**NA 4918**
	125	63	1.1	172.0	425.0	**NA 6918**
95	125	26	1.0	78.0	155.0	**NKI 95/26**
	125	36	1.0	114.0	250.0	**NKI 95/36**
95	130	35	1.1	116.0	260.0	**NA 4919**
	130	63	1.1	174.0	440.0	**NA 6919**
100	130	30	1.1	98.0	210.0	**NKI 100/30**
	130	40	1.1	127.0	290.0	**NKI 100/40**
	140	40	1.1	128.0	270.0	**NA 4920**
110	140	40	1.1	113.0	275.0	**NKI 110/40**
	150	40	1.1	132.0	290.0	**NA 4922**
120	165	45	1.1	181.0	390.0	**NA 4924**
130	180	50	1.5	203.0	470.0	**NA 4926**
140	180	32	1.5	114.0	260.0	**NKI 140/32**
	190	50	1.5	209.0	500.0	**NA 4928**

Needle Roller Bearings

Inch Series **AB/LRB**



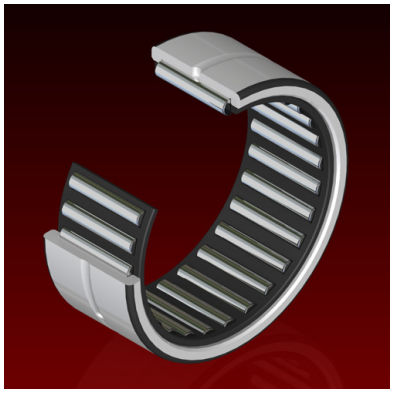
Dimensions inch (mm)				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
0.3750	1.1250	0.7500	0.0236 (0.6)	16.2	19.1	**AB 1012/LRB 61012**
0.5000	1.2500	0.7500	0.0394 (1.0)	18.7	24.0	**AB 1212/LRB 81212**
	1.2500	1.0000	0.0394 (1.0)	25.6	36.0	**AB 1216/LRB 81216**
0.6250	1.3750	0.7500	0.0394 (1.0)	19.8	26.7	**AB 1412/LRB 101412**
	1.3750	1.0000	0.0394 (1.0)	27.1	40.0	**AB 1416LRB 101416**
0.7500	1.5000	0.7500	0.0394 (1.0)	21.8	31.6	**AB 1612/LRB 121612**
	1.5000	1.0000	0.0394 (1.0)	30.0	47.2	**AB 1616/LRB 121616**
0.8750	1.6250	1.0000	0.0394 (1.0)	31.1	29.8	**AB 1816/LRB 141816**
	1.6250	1.2500	0.0394 (1.0)	40.7	72.5	**AB 1820/LRB 141820**
1.0000	1.7500	0.7500	0.0394 (1.0)	25.3	0.0	**AB 2012/LRB 162012**
	1.7500	1.0000	0.0394 (1.0)	33.6	58.3	**AB 2016/LRB 162016**
	1.7500	1.2500	0.0394 (1.0)	42.1	77.9	**AB 2020/LRB 162020**
1.1250	1.8750	1.0000	0.0394 (1.0)	36.0	65.4	**AB 2216/LRB 182216**
	1.8750	1.2500	0.0394 (1.0)	45.2	87.7	**AB 2220/LRB 182220**
1.2500	2.0625	1.0000	0.0594 (1.5)	38.5	69.0	**AB 2416/LRB 202416**
	2.0625	1.2500	0.0594 (1.5)	48.5	92.6	**AB 2420/LRB 202420**
1.3125	2.1875	1.0000	0.0594 (1.5)	39.4	73.0	**AB 2616/LRB 222616**
1.3750	2.1875	1.2500	0.0594 (1.5)	49.8	98.3	**AB 2620/LRB 222620**
1.5000	2.3125	1.0000	0.0594 (1.5)	41.8	80.5	**AB 2816/LRB 242816**
	2.3125	1.2500	0.0594 (1.5)	52.7	108.6	**AB 2820/LRB 242820**
1.5625	2.4375	1.0000	0.0594 (1.5)	42.9	84.6	**AB 3016/LRB 253016**
	2.4375	1.2500	0.0594 (1.5)	54.1	113.9	**AB 3020/LRB 253020**
1.6250	2.5000	1.2500	0.0594 (1.5)	56.1	160.9	**AB 3120/LRB 263120**
1.6875	2.5625	1.0000	0.0594 (1.5)	45.2	92.1	**AB 3216/LRB 273216**
	2.5625	1.2500	0.0594 (1.5)	56.7	124.2	**AB 3220/LRB 273220**
1.7500	3.0000	1.5000	0.0594 (1.5)	83.9	174.0	**AB 3624/LRB 283624**
2.0000	3.2500	1.5000	0.0787 (2.0)	87.9	191.0	**AB 4024/LRB 324024**
2.1875	3.5000	1.7500	0.0787 (2.0)	102.7	315.6	**HJ 445628/IR 354428**
2.2500	3.5000	1.5000	0.0787 (2.0)	92.1	207.8	**AB 4424/LRB 364424**
2.5000	3.7500	1.5000	0.0787 (2.0)	98.3	232.7	**AB 4824/LRB 404824**
2.7500	4.2500	1.7500	0.0787 (2.0)	130.8	286.6	**AB 5228/LRB 445228**
	4.2500	2.0000	0.0787 (2.0)	155.0	310.0	**AB 5232/LRB 445232**

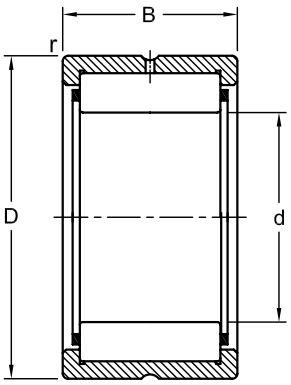
Dimensions inch (mm)				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
3.0000	4.5000	2.0000	0.0787 (2.0)	156.6	371.6	**AB 5632/LRB 485632**

Needle Roller Bearings

Without Inner Ring
Metric Series

NK, NKS, RNA





Dimensions mm				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
14	22	14	0.3	8.5	9.2	**RNA 4900**
	22	16	0.3	10.1	11.5	**NK 14/16**
	22	20	0.3	12.8	15.6	**NK 14/20**
15	23	16	0.3	10.7	12.7	**NK 15/16**
	23	20	0.3	13.6	17.2	**NK 15/20**
16	24	13	0.3	9.4	10.9	**RNA 4901**
	24	16	0.3	11.3	13.9	**NK 16/16**
	24	20	0.3	14.4	18.8	**NK 16/20**
	24	22	0.3	16.0	21.6	**RNA 6901**
17	25	16	0.3	11.9	15.0	**NK 17/16**
	25	20	0.3	15.1	20.4	**NK 17/20**
18	26	16	0.3	12.5	16.2	**NK 18/16**
	26	20	0.3	15.8	22.0	**NK 18/20**
19	27	16	0.3	13.0	17.4	**NK 19/16**
	27	20	0.3	16.5	23.6	**NK 19/20**
20	28	13	0.3	10.6	13.6	**RNA 4902**
	28	16	0.3	13.0	17.5	**NK 20/16**
	28	20	0.3	16.4	23.8	**NK 20/20**
	28	23	0.3	17.3	25.5	**RNA 6902**
21	29	16	0.3	13.5	18.7	**NK 21/16**
	29	20	0.3	17.1	25.5	**NK 21/20**
22	30	13	0.3	11.0	14.6	**RNA 4903**
	30	16	0.3	14.0	19.9	**NK 22/16**
	30	20	0.3	17.7	27.0	**NK 22/20**
	30	23	0.3	18.6	29.0	**RNA 6903**
24	32	16	0.3	15.0	22.3	**NK 24/16**
	32	20	0.3	19.0	30.5	**NK 24/20**
	37	20	0.6	26.0	31.0	**NKS 24**
25	33	16	0.3	14.9	22.4	**NK 25/16**
	33	20	0.3	18.8	30.5	**NK 25/20**
	37	17	0.3	21	25.5	**RNA 4904**
	37	30	0.3	36.0	51.0	**RNA 6904**

Dimensions mm				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
	38	20	0.6	27.5	33.5	**NKS 25**
26	34	16	0.3	15.3	23.6	**NK 26/16**
	34	20	0.3	19.4	32.0	**NK 26/20**
28	37	20	0.3	22.0	34.0	**NK 28/20**
	37	30	0.3	33.0	57.0	**NK 28/30**
	42	20	0.6	28.5	36.5	**NKS 28**
29	38	20	0.3	21.9	34.0	**NK 29/20**
	38	30	0.3	32.5	57.0	**NK 29/30**
30	40	20	0.3	22.6	36.0	**NK 30/20**
	40	30	0.3	33.5	60.0	**NK 30/30**
	42	17	0.3	23.6	31.5	**RNA 4905**
	42	30	0.3	39.0	59.0	**RNA 6905**
	45	22	0.6	32.0	40.0	**NKS 30**
32	42	20	0.3	23.1	37.5	**NK 32/20**
	42	30	0.3	34.5	63.0	**NK 32/30**
	45	17	0.3	24.4	33.5	**RNA 49/28**
	45	30	0.3	40.5	63.0	**RNA 69/28**
	47	22	0.6	33.5	43.5	**NKS 32**
35	45	20	0.3	24.3	41.5	**NK 35/20**
	45	30	0.3	36.5	69.0	**NK 35/30**
	47	17	0.3	25.0	35.5	**RNA 4906**
	47	30	0.3	43.5	71.0	**RNA 6906**
	50	22	0.6	35.0	47.0	**NKS 35**
37	47	20	0.3	24.9	43.5	**NK 37/20**
	47	30	0.3	37.0	73.0	**NK 37/30**
	52	22	0.6	36.5	50.0	**NKS 37**
38	48	20	0.3	25.5	45.0	**NK 38/20**
	48	30	0.3	38.0	76.0	**NK 38/30**
40	50	20	0.3	26.0	47.0	**NK 40/20**
	50	30	0.3	39.0	79.0	**NK 40/30**
	52	20	0.6	30.5	47.5	**RNA 49/32**
	52	36	0.6	47.0	82.0	**RNA 69/32**
	55	22	0.6	38.0	54.0	**NKS 40**
42	52	20	0.3	26.5	49.0	**NK 42/20**
	52	30	0.3	39.5	82.0	**NK 42/30**
	55	20	0.6	31.5	50.0	**RNA 4907**
	55	36	0.6	48.0	86.0	**RNA 6907**
43	53	20	0.3	27.0	51.0	**NK 43/20**
	53	30	0.3	40.5	85.0	**NK 43/30**
	58	22	0.6	39.0	57.0	**NKS 43**
45	55	20	0.3	27.5	53.0	**NK 45/20**
	55	30	0.3	41.0	88.0	**NK 45/30**
	60	22	0.6	40.5	60.0	**NKS 45**
47	57	20	0.3	28.5	56.0	**NK 47/20**
	57	30	0.3	43.0	94.0	**NK 47/30**
48	62	22	0.6	43.0	67.0	**RNA 4908**
	62	40	0.6	66.0	116.0	**RNA 6908**
50	65	22	1.0	42.5	67.0	**NKS 50**

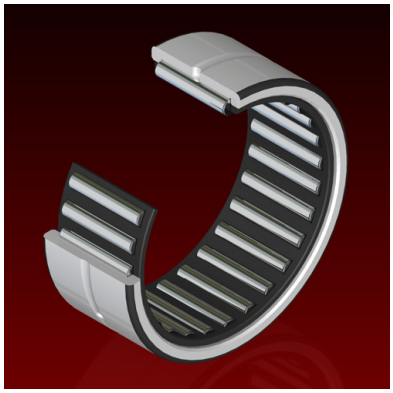
Dimensions mm				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
	62	25	0.6	38.0	74.0	**NK 50/25**
	62	35	0.6	50.0	106.0	**NK 50/35**
52	68	22	0.6	38.5	38.0	**RNA 4909**
	68	40	0.6	69.0	127.0	**RNA 6909**
55	68	25	0.6	40.0	82.0	**NK 55/25**
	68	35	0.6	53.0	118.0	**NK 55/35**
	72	22	1.0	45.0	74.0	**NKS 55**
58	72	22	0.6	47.0	80.0	**RNA 4910**
	72	40	0.6	73.0	139.0	**RNA 6910**
60	72	25	0.6	42.0	90.0	**NK 60/25**
	72	35	0.6	56.0	130.0	**NK 60/35**
	80	28	1.1	63	98	**NKS 60**
63	80	25	1.0	58.0	100.0	**RNA 4911**
	80	45	1.0	90.0	176.0	**RNA 6911**
65	78	25	0.6	44.0	98.0	**NK 65/25**
	78	35	0.6	59.0	142.0	**NK 65/35**
	85	28	1.1	67.0	108.0	**NKS 65**
68	82	25	0.6	43.5	59.0	**NK 68/25**
	82	35	0.6	62.0	139.0	**NK 68/35**
68	85	25	1.0	60.0	108.0	**RNA 4912**
	85	45	1.0	94.0	191.0	**RNA 6912**
70	85	25	0.6	44.5	92.0	**NK 70/25**
	85	35	0.6	63	144	**NK 70/35**
	90	28	1.1	68.0	113.0	**NKS 70**
72	90	25	1.0	61.0	112.0	**RNA 4913**
	90	45	1.0	95.0	198.0	**RNA 6913**
73	90	25	1.0	53.0	100.0	**NK 73/25**
	90	35	1.0	75	156	**NK 73/35**
75	92	25	1.0	54.0	104.0	**NK 75/25**
	92	35	1.0	77.0	162.0	**NK 75/35**
	95	28	1.1	71.0	123.0	**NKS 75**
80	95	25	1.0	56.0	119.0	**NK 80/25**
	95	35	1.0	78.0	184.0	**NK 80/35**
	100	28	1.1	75.0	133.0	**NKS 80**
	100	30	1.0	84.0	156.0	**RNA 4914**
	100	54	1.0	128.0	265.0	**RNA 6914**
85	105	25	1.0	69.0	123.0	**NK 85/25**
	105	30	1.0	86.0	162.0	**RNA 4915**
	105	35	1.0	98.0	193.0	**NK 85/35**
	105	54	1.0	130.0	275.0	**RNA 6915**
90	110	25	1.0	72.0	132.0	**NK 90/25**
	110	35	1.0	89.0	174.0	**RNA 4916**
	110	35	1.0	103.0	208.0	**NK 90/35**
	110	54	1.0	135.0	300.0	**RNA 6916**
95	115	26	1.0	73.0	137.0	**NK 95/26**
	115	35	1.0	107.0	223.0	**NK 95/36**
100	120	26	1.0	76.0	146.0	**NK 100/26**
	120	35	1.1	111.0	124.0	**RNA 4917**

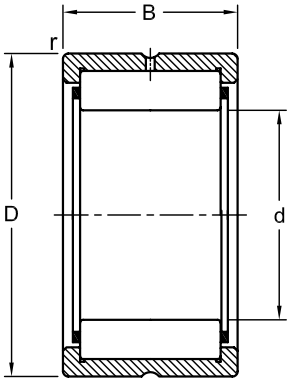
Dimensions mm				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
	120	36	1.0	111.0	237.0	**NK 100/36**
	120	63	1.1	166.0	400.0	**RNA 6917**
105	125	26	1.0	78.0	155.0	**NK 105/26**
	125	35	1.1	114.0	250.0	**RNA 4918**
	125	36	1.0	114.0	250.0	**NK 105/36**
	125	63	1.1	172.0	425.0	**RNA 6918**
110	130	30	1.1	98.0	210.0	**NK 110/30**
	130	35	1.1	116.0	260.0	**RNA 4919**
	130	40	1.1	127.0	290.0	**NK 110/40**
	130	63	1.1	174.0	440.0	**RNA 6919**
115	135	32	1.1	91.0	204.0	**NKS 115**
	140	40	1.1	128.0	270.0	**RNA 4920**
125	150	40	1.1	132.0	29.0	**RNA 4922**
135	165	45	1.1	181.0	390.0	**RNA 4924**
150	180	50	1.5	203.0	470.0	**RNA 4926**
160	190	50	1.5	209.0	500.0	**RNA 4928**

Needle Roller Bearings

Without Inner Ring
Inch Series

MR





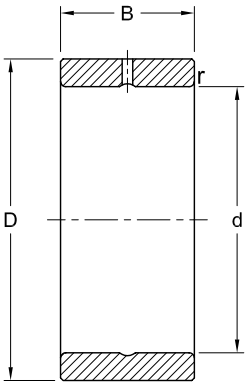
Dimensions inch (mm)				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
0.6250	1.1250	0.7500	0.0236 (0.6)	16.2	19.1	**MR 10 N**
	1.1250	1.0000	0.0236 (0.6)	22.3	28.9	**MR 10**
0.7500	1.2500	0.7500	0.0394 (1.0)	18.7	24.0	**MR 12 N**
	1.2500	1.0000	0.0394 (1.0)	25.6	36.0	**MR 12**
0.8750	1.3750	0.7500	0.0394 (1.0)	19.8	26.7	**MR 14 N**
	1.3750	1.0000	0.0394 (1.0)	27.1	40.0	**MR 14**
1.0000	1.5000	0.7500	0.0394 (1.0)	21.8	31.6	**MR 16 N**
	1.5000	1.0000	0.0394 (1.0)	30.0	47.2	**MR 16**
1.1250	1.6250	1.0000	0.0394 (1.0)	32.5	54.3	**MR 18 N**
	1.6250	1.2500	0.0394 (1.0)	40.7	72.5	**MR 18**
1.2500	1.7500	1.0000	0.0394 (1.0)	33.6	58.3	**MR 20 N**
	1.7500	1.2500	0.0394 (1.0)	42.1	77.9	**MR 20**
1.3750	1.8750	1.0000	0.0394 (1.0)	36.0	65.4	**MR 22 N**
	1.8750	1.2500	0.0394 (1.0)	45.2	87.7	**MR 22**
1.5000	2.0625	1.5000	0.0591 (1.5)	38.5	69.0	**MR 24 N**
	2.0625	1.2500	0.0591 (1.5)	48.5	92.6	**MR 24**
1.6250	2.1875	1.0000	0.0591 (1.5)	39.4	73.0	**MR 26 N**
	2.1875	1.2500	0.0591 (1.5)	49.8	98.3	**MR 26**
1.7500	2.3125	1.0000	0.0591 (1.5)	41.8	80.5	**MR 28 N**
	2.3125	1.2500	0.0591 (1.5)	52.7	108.6	**MR 28**
1.8750	2.4375	1.0000	0.0591 (1.5)	42.9	84.6	**MR 30 N**
	2.4375	1.2500	0.0591 (1.5)	54.1	113.9	**MR 30**
1.9375	2.5000	1.2500	0.0591 (1.5)	49.8	112.1	**MR 31**
2.0000	2.5625	1.0000	0.0591 (1.5)	45.2	92.1	**MR 32 N**
	2.5625	1.2500	0.0591 (1.5)	56.7	124.2	**MR 32**
2.2500	3.0000	1.5000	0.0591 (1.5)	83.9	174.0	**MR 36 N**
	3.0000	1.7500	0.0591 (1.5)	97.5	211.0	**MR 36**
2.5000	3.2500	1.5000	0.0787 (2.0)	87.9	191.0	**MR 40 N**
	3.2500	1.7500	0.0787 (2.0)	102.0	231.8	**MR 40**
2.7500	3.5000	1.5000	0.0787 (2.0)	92.1	207.8	**MR 44 N**
	3.5000	1.7500	0.0787 (2.0)	107.0	252.3	**MR 44**
3.0000	3.7500	1.5000	0.0787 (2.0)	98.3	232.7	**MR 48 N**

Dimensions inch (mm)				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
	3.7500	1.7500	0.0787 (2.0)	114.1	282.1	**MR 48**
3.2500	4.2520	1.7500	0.0787 (2.0)	130.8	286.6	**MR 52**
3.5000	4.5000	1.7500	0.0787 (2.0)	137.0	318.6	**MR 56 N**
	4.5000	2.0000	0.0787 (2.0)	156.6	371.6	**MR 56**
3.7500	4.7500	2.0000	0.0984 (2.5)	159.7	387.6	**MR 60**
4.0000	5.0000	2.0000	0.0984 (2.5)	165.5	417.4	**MR 64**
4.2500	5.2500	2.0000	0.0984 (2.5)	171.8	449.5	**MR 68**
4.5000	6.0000	2.2500	0.0984 (2.5)	257.7	578.5	**MR 72**
5.0000	6.5000	2.2500	0.0984 (2.5)	277.2	672.0	**MR 80**
5.5000	7.0000	2.5000	0.0984 (2.5)	286.1	755.6	**MR 88 N**
	7.0000	3.0000	0.0984 (2.5)	368.0	987.9	**MR 88**
6.0000	7.5000	2.5000	0.1181 (3.0)	313.3	787.7	**MR 96 N**
	7.5000	3.0000	0.1181 (3.0)	373.8	992.4	**MR 96**
6.5000	8.0000	2.5000	0.1181 (3.0)	316.4	814.4	**MR 104 N**
	8.0000	3.0000	0.1181 (3.0)	378.3	1028.0	**MR 104**
7.2500	9.1250	3.0000	0.1181 (3.0)	451.7	1108.0	**MR 116**
7.7500	9.6250	3.0000	0.1181 (3.0)	458.4	1192.6	**MR 124**
8.2500	10.1250	3.0000	0.1181 (3.0)	476.2	1278.0	**MR 132**
8.7500	10.6250	3.0000	0.1575 (4.0)	489.5	1361.7	**MR 140**
9.2500	11.1250	3.0000	0.1575 (4.0)	502.3	1446.2	**MR 148**

Needle Roller Bearings

Inner Ring
Inch Series

MI



Dimensions inch (mm)				AEC Bearing
d	D	B	r	
0.3750	0.6245	0.7600	0.0236 (0.6)	**MI 6 N**
	0.6245	1.0100	0.0236 (0.6)	**MI 6**
0.4375	0.6245	0.7600	0.0236 (0.6)	**MI 7 N**
	0.7493	0.7600	0.0394 (1.0)	**MI 8 N**
	0.7493	1.0100	0.0394 (1.0)	**MI 8**
0.5625	0.7493	0.7600	0.0394 (1.0)	**MI 9 N**
0.6250	0.8743	0.7600	0.0394 (1.0)	**MI 10 N**
	0.8743	1.0100	0.0394 (1.0)	**MI 10**
0.6875	0.8743	0.7600	0.0394 (1.0)	**MI 11 N**
0.7500	0.9993	0.7600	0.0394 (1.0)	**MI 12 N**
	0.9993	1.0100	0.0394 (1.0)	**MI 12**
0.8125	0.9993	0.7600	0.0394 (1.0)	**MI 13 N**
	0.9993	1.0100	0.0394 (1.0)	**MI 13**
0.8750	1.1241	1.0100	0.0394 (1.0)	**MI 14 N**
	1.1241	1.2600	0.0394 (1.0)	**MI 14**
0.9375	1.1241	1.0100	0.0394 (1.0)	**MI 15 N**
	1.1241	1.2600	0.0394 (1.0)	**MI 15**
1.0000	1.2491	1.2600	0.0394 (1.0)	**MI 16**
	1.2491	1.2600	0.0394 (1.0)	**MI 16 N**
1.0625	1.3741	1.2600	0.0394 (1.0)	**MI 17**
1.1250	1.3741	1.0100	0.0394 (1.0)	**MI 18 N**
	1.3741	1.2600	0.0394 (1.0)	**MI 18**
1.1875	1.4990	1.2600	0.0591 (1.5)	**MI 19**
1.2500	1.4990	1.0100	0.0591 (1.5)	**MI 20 N**
	1.4990	1.2600	0.0591 (1.5)	**MI 20**
1.3125	1.6240	1.0100	0.0591 (1.5)	**MI 21 N**
	1.6240	1.2600	0.0591 (1.5)	**MI 21**
1.3750	1.6240	1.2600	0.0591 (1.5)	**MI 22 4S**
	1.7490	1.0100	0.0591 (1.5)	**MI 22 N**
	1.7490	1.2600	0.0591 (1.5)	**MI 22**
1.4375	1.7490	1.2600	0.0591 (1.5)	**MI 23**
1.5000	1.7490	1.0100	0.0591 (1.5)	**MI 24 N**

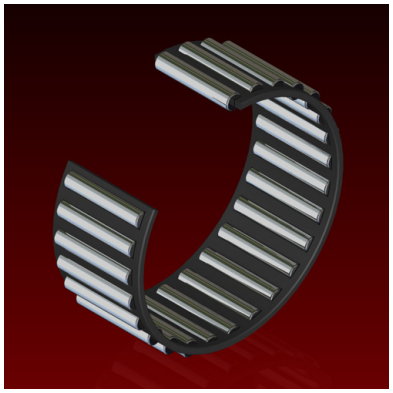
Dimensions inch (mm)				AEC Bearing
d	D	B	r	
	1.7490	1.2600	0.0591 (1.5)	**MI 24**
1.5625	1.8740	1.2600	0.0591 (1.5)	**MI 25 4S**
	1.9989	1.2600	0.0591 (1.5)	**MI 25**
1.6250	1.9364	1.2600	0.0591 (1.5)	**MI 26 2S**
	1.9989	1.0100	0.0591 (1.5)	**MI 26 N**
	1.9989	1.2600	0.0591 (1.5)	**MI 26**
1.6875	1.9989	1.2600	0.0591 (1.5)	**MI 27**
1.7500	2.2489	1.5100	0.0591 (1.5)	**MI 28 N**
	2.2489	1.7600	0.0591 (1.5)	**MI 28**
1.8750	2.2489	1.7600	0.0591 (1.5)	**MI 30**
1.9375	2.4989	1.7600	0.0787 (2.0)	**MI 31**
2.0000	2.4989	1.5100	0.0787 (2.0)	**MI 32 N**
	2.4989	1.7600	0.0787 (2.0)	**MI 32**
2.1250	2.4989	1.7600	0.0787 (2.0)	**MI 34**
2.1875	2.7489	1.7600	0.0787 (2.0)	**MI 35**
2.2500	2.7489	1.5100	0.0787 (2.0)	**MI 36 N**
	2.7489	1.7600	0.0787 (2.0)	**MI 36**
2.3750	2.9989	1.7600	0.0787 (2.0)	**MI 38**
2.4375	2.9989	1.7600	0.0787 (2.0)	**MI 39**
2.5000	2.9989	1.5100	0.0787 (2.0)	**MI 40 N**
	2.9989	1.7600	0.0787 (2.0)	**MI 40**
2.6250	3.2487	1.7600	0.0787 (2.0)	**MI 42**
2.7500	3.2487	1.7600	0.0787 (2.0)	**MI 44**
2.8750	3.4987	2.0100	0.0787 (2.0)	**MI 46**
2.9375	3.4987	2.0100	0.0787 (2.0)	**MI 47**
3.0000	3.4987	1.7600	0.0787 (2.0)	**MI 48 N**
	3.4987	2.0100	0.0787 (2.0)	**MI 48**
3.1250	3.7487	2.0100	0.0984 (2.5)	**MI 50**
3.2500	3.7487	2.0100	0.0984 (2.5)	**MI 52**
3.3758	3.9984	2.0100	0.0984 (2.5)	**MI 54**
3.5000	3.9985	2.0100	0.0984 (2.5)	**MI 56**
3.6250	4.2485	2.0100	0.0984 (2.5)	**MI 58**
3.7500	4.2485	2.0100	0.0984 (2.5)	**MI 60**
3.8750	4.4985	2.2600	0.0984 (2.5)	**MI 62**
4.0000	4.9985	2.2600	0.0984 (2.5)	**MI 64**
4.2500	4.9985	2.2600	0.0984 (2.5)	**MI 68**
4.5000	5.4985	2.5150	0.0984 (2.5)	**MI 72 N**
	5.4985	3.0150	0.0984 (2.5)	**MI 72**
4.7500	5.4985	3.0150	0.0984 (2.5)	**MI 76**
5.0000	5.9983	2.5150	0.1181 (3.0)	**MI 80 N**
	5.9983	3.0150	0.1181 (3.0)	**MI 80**
5.2500	5.9983	3.0150	0.1181 (3.0)	**MI 84**
5.5000	6.4983	2.5150	0.1181 (3.0)	**MI 88 N**
	6.4983	3.0150	0.1181 (3.0)	**MI 88**
5.7500	6.4983	3.0150	0.1181 (3.0)	**MI 92**
6.0000	7.2481	3.0150	0.1181 (3.0)	**MI 96**
6.5000	7.7481	3.0150	0.1181 (3.0)	**MI 104**
7.0000	8.2481	3.0150	0.1181 (3.0)	**MI 112**

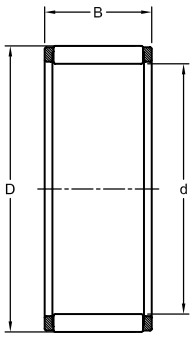
Dimensions inch (mm)				AEC Bearing
d	D	B	r	
7.5000	8.7480	3.0150	0.1575 (4.0)	**MI 120**
8.0000	9.2480	3.0150	0.1575 (4.0)	**MI 128**

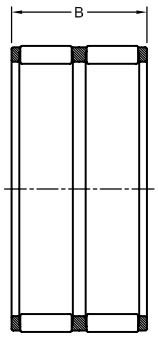
Needle Roller Bearings

Cage Assemblies
Metric Series

AB







390000, 600000

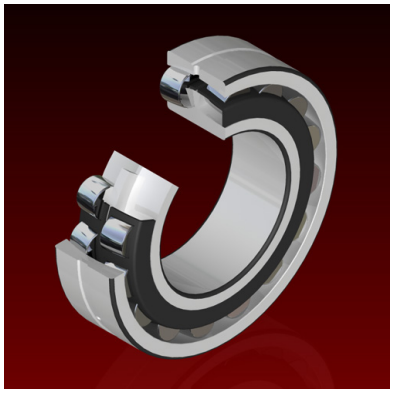
Dimensions mm			Load Rating kN		AEC Bearing
d	D	B	Dynamic (C)	Static (C_O)	
15.0	25	18	19.2	28.1	**AB 27319**
16.0	21	22	14.1	28.3	**AB 162122**
20.0	27	30	26.8	55.9	**AB 202730**
	28	20	20.6	36.7	**AB 202820**
24.0	36	24	32.5	54.1	**AB 243624**
25.0	33	24	28.0	57.4	**AB 253324**
	35	30	41.2	82.4	**AB 2025**
	35	24	34.7	66.3	**AB 253524**
25.33	34.887	22.22	29.8	56.4	**AB 2535**
26.0	40	26	47.0	81.1	**AB 2028**
28.0	44	24	44.0	70.1	**AB 284424**
	48	23.8	54.8	83.0	**AB 7050**
30.0	37	20	25.9	60.8	**AB 303720**
	40	29.8	51.3	115.0	**AB 304030**
30.0	42	30	47.7	92.9	**AB 2030**
32.0	52.012	49	126.2	246.7	**AB 325249**
	52	31	73.6	123.4	**AB 325231**
35.0	40	18	18.9	52.6	**AB 354018**
	40	23	25.7	77.6	**AB 354023**
39.0	44	26	25.7	81.5	**AB 394426**
40.0.	45	21	24.5	77.0	**AB 404521**
42.0	47	27	32.0	109.0	**AB 424727**
	52	20	40.9	93.8	**AB 425220**
44.975	49	19	17.6	62.6	**AB 454919**
50.0	55	30	37.5	141.9	**AB 505530**
60.0	68	29.8	46.3	145.7	**AB 606830**
	68	33.8	54.0	177.4	**AB 606834**

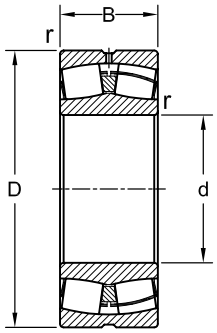
Dimensions mm			Load Rating kN		AEC Bearing
d	D	B	Dynamic (C)	Static (C_O)	
62.10	68.1	42.1	52.4	204.5	**AB 626842**
63.66	71.66	38.8	66.6	233.3	**AB 637138**
65.0	73	30	55.9	186.2	**AB 657330**
74.0	106	57.9	254.0	541.8	**AB 10674 M**
782.0	878.0	106.5	3165.3	13212.7	**MB 878782/106**

Spherical Roller Bearings

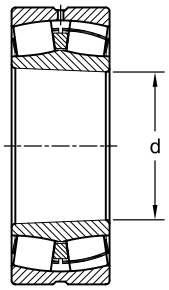
Radial
Metric Series

21, 22, 23, 24





Cylindrical bore



Tapered bore

Dimensions mm				Load Rating kN		AEC Bearing	K12	K30	M
d	D	B	r	Dynamic (C)	Static (C_O)				
20	52	15	1.1	30.5	30.5	**21304 CC/W33**	•		
25	52	18	1.0	35.7	35.7	**22205 CC/W33**	•		
	62	17	1.1	41.4	41.5	**21305 CC/W33**	•		
30	62	20	1.0	48.9	52.0	**22206 CC/W33**	•		
	72	19	1.1	55.2	61.0	**21306 CC/W33**	•		
35	72	23	1.1	67.3	73.5	**22207 CC/W33**	•		
	80	21	1.5	65.6	72.0	**21307 CC/W33**	•		
	80	31	1.5	89.4	165.4	**22307 CC/W33**	•		•
40	80	23	1.1	73.6	81.5	**22208 CC/W33**	•		
	90	23	1.5	82.8	98.0	**21308 CC/W33**	•		
	90	33	1.5	115.0	122.0	**22308 CC/W33**	•		•
45	85	23	1.1	77.1	88.0	**22209 CC/W33**	•		
	100	25	1.5	101.0	114.0	**21309 CC/W33**	•		
	100	36	1.5	138.0	160.0	**22309 CC/W33**	•		
50	90	23	1.1	84.5	100.0	**22210 CC/W33**	•		
	110	27	2.0	120.0	140.0	**21310 CC/W33**	•		
	110	40	2.0	176.0	200.0	**22310 CC/W33**	•		
55	100	25	1.5	99.5	118.0	**22211 CC/W33**	•		
	120	29	2.0	138.0	163.0	**21311 CC/W33**	•		
	120	43	2.0	199.0	232.0	**22311 CC W33**	•		
60	110	28	1.5	122.0	146.0	**22212 CC/W33**	•		
	130	31	2.1	161.0	200.0	**21312 CC/W33**	•		
	130	46	2.1	235.0	280.0	**22312 CC/W33**	•		
65	120	31	1.5	148.0	183.0	**22213 CC/W33**	•		
	140	33	2.1	184.0	240.0	**21313 CC/W33**	•		
	140	48	2.1	253.0	300.0	**22313 CC/W33**	•		
70	125	31	1.5	148.0	186.0	**22214 CC/W33**	•		
	150	35	2.1	207.0	260.0	**21314 CC/W33**	•		
	150	51	2.1	311.0	380.0	**22314 CC/W33**	•		
75	130	31	1.5	158.0	208.0	**22215 CC/W33**	•		
	160	37	2.1	235.0	300.0	**21315 CC/W33**	•		•
	160	55	2.1	345.0	430.0	**22315 CC/W33**	•		

Dimensions mm				Load Rating kN		AEC Bearing	K12	K30	M
d	D	B	r	Dynamic (C)	Static (C_O)				
80	140	33	2.0	176.0	228.0	**22216 CC/W33**	●		
	170	39	2.1	258.0	335.0	**21316 CC W33**	●		●
	170	58	2.1	374.0	455.0	**22316 CC/W33**	●		
85	150	36	2.0	210.0	270.0	**22217 CC/W33**	●		
	180	41	3.0	293.0	375.0	**21317 CC/W33**	●		
	180	60	3.0	420.0	520.0	**22317 CC/W33**	●		
90	160	40	2.0	253.0	340.0	**22218 CC/W33**	●		
	160	52	2.0	311.0	440.0	**23218 CC/W33**	●		
	190	43	3.0	322.0	425.0	**21318 CC/W33**	●		
	190	64	3.0	477.0	610.0	**22318 CC/W33**	●		
95	170	43	2.1	282.0	375.0	**22219 CC/W33**	●		
	200	45	3.0	351.0	480.0	**21319 CC/W33**	●		
	200	67	3.0	518.0	670.0	**22319 CC/W33**	●		
100	165	52	2.0	322.0	490.0	**23120 CC/W33**	●		●
	180	46	2.1	311.0	415.0	**22220 CC/W33**	●		
	180	60	2.1	414.0	600.0	**23220 CC/W33**	●		
	215	47	3.0	385.0	530.0	**21320 CC/W33**	●		
	215	73	3.0	610.0	800.0	**22320 CC/W33**	●		●
110	170	45	2.0	267.0	440.0	**23022 CC/W33**	●		
	180	56	2.0	374.0	585.0	**23122 CC/W33**	●		
	180	69	2.0	460.0	750.0	**24122 CC/W33**			
	200	53	2.1	408.0	560.0	**22222 CC/W33**	●		
	200	70	2.1	518.0	765.0	**23222 CC/W33**	●		
	240	50	3.0	460.0	630.0	**21322 CC/W33**	●		
	240	80	3.0	725.0	965.0	**22322 CC/W33**	●		
120	180	46	2.0	305.0	510.0	**23024 CC/W33**	●		
	180	60	2.0	374.0	670.0	**24024 CC/W33**		●	●
	200	62	2.0	449.0	695.0	**23124 CC/W33**	●		
	200	80	2.0	575.0	950.0	**24124 CC/W33**		●	
	215	58	2.1	466.0	670.0	**22224 CC/W33**	●		
	215	76	2.1	610.0	930.0	**23224 CC/W33**	●		
	260	86	3.0	845.0	1120.0	**22324 CC/W33**	●		
130	200	52	2.0	374.0	610.0	**23026 CC/W33**	●		
	200	69	2.0	477.0	815.0	**24026 CC/W33**		●	●
	210	64	2.0	489.0	780.0	**23126 CC/W33**	●		
	210	80	2.0	587.0	1000.0	**24126 CC/W33**		●	
	230	64	3.0	546.0	800.0	**22226 CC/W33**	●		
	230	80	3.0	690.0	1060.0	**23226 CC/W33**	●		●
	280	93	4.0	978.0	1320.0	**22326 CC/W33**	●		●
140	210	53	2.0	397.0	680.0	**23028 CC/W33**	●		
	210	69	2.0	495.0	900.0	**24028 CC/W33**		●	●
	225	68	2.1	546.0	900.0	**23128 CC/W33**	●		
	225	85	2.1	673.0	1160.0	**24128 CC/W33**		●	
	250	68	3.0	610.0	900.0	**22228 CC/W33**	●		
	250	88	3.0	799.0	1250.0	**23228 CC/W33**	●		●
	300	102	4.0	1130.0	1560.0	**22328 CC/W33**	●		
150	225	56	2.1	437.0	750.0	**23030 CC/W33**	●		
	225	75	2.1	564.0	1040.0	**24030 CC/W33**		●	●

Dimensions mm				Load Rating kN		AEC Bearing	K12	K30	M
d	D	B	r	Dynamic (C)	Static (C_O)				
	250	80	2.1	725.0	1200.0	**23130 CC/W33**	●		
	250	100	2.1	897.0	1530.0	**24130 CC/W33**		●	
	270	73	3.0	736.0	1080.0	**22230 CC/W33**	●		
	270	96	3.0	937.0	1460.0	**23230 CC/W33**	●		
	320	108	4.0	1270.0	1760.0	**22330 CC/W33**	●		●
160	240	60	2.1	506.0	880.0	**23032 CC/W33**	●		
	240	80	2.1	656.0	1200.0	**24032 CC/W33**		●	●
	270	86	2.1	845.0	1370.0	**23132 CC/W33**	●		
	270	109	2.1	1040.0	1760.0	**24132 CC/W33**		●	
	290	80	3.0	863.0	1290.0	**22232 CC/W33**	●		
	290	104	3.0	1070.0	1660.0	**23232 CC/W33**	●		
	340	114	4.0	1380.0	1960.0	**22332 CC/W33**	●		●
170	260	67	2.1	621.0	1060.0	**23034 CC/W33**	●		
	260	90	2.1	799.0	1460.0	**24034 CC/W33**		●	●
	280	88	2.1	897.0	1500.0	**23134 CC/W33**	●		
	280	109	2.1	1070.0	1860.0	**24134 CC/W33**		●	
	310	86	4.0	978.0	1460.0	**22234 CC/W33**	●		●
	310	110	4.0	1220.0	1930.0	**23234 CC/W33**	●		
	360	120	4.0	1540.0	2160.0	**22334 CC/W33**	●		●
180	250	52	2.0	431.0	830.0	**23936 CC/W33**	●		●
	280	74	2.1	725.0	1250.0	**23036 CC/W33**	●		
	280	100	2.1	937.0	1730.0	**24036 CC/W33**		●	●
	300	96	3.0	1050.0	1760.0	**23136 CC/W33**	●		
	300	118	3.0	1220.0	2160.0	**24136 CC/W33**		●	
	320	86	4.0	1010.0	1560.0	**22236 CC/W33**	●		●
	320	112	4.0	1290.0	2120.0	**23236 CC/W33**	●		●
	380	126	4.0	1730.0	2450.0	**22336 CC/W33**	●		●
190	260	52	2.0	414.0	800.0	**23938 CC/W33**	●		●
	290	75	2.1	753.0	1340.0	**23038 CC/W33**	●		●
	290	100	2.1	978.0	1800.0	**24038 CC/W33**		●	●
	320	104	3.0	1200.0	2080.0	**23138 CC/W33**	●		●
	320	128	3.0	1400.0	2500.0	**24138 CC/W33**		●	●
	340	92	4.0	1110.0	1700.0	**22238 CC/W33**	●		●
	340	120	4.0	1460.0	2400.0	**23238 CC/W33**	●		●
	400	132	5.0	1870.0	2650.0	**22338 CC/W33**	●		●
200	280	60	2.1	546.0	1040.0	**23940 CC/W33**	●		●
	310	82	2.1	880.0	1530.0	**23040 CC/W33**	●		●
	310	109	2.1	1130.0	2120.0	**24040 CC/W33**		●	●
	340	112	3.0	1380.0	2360.0	**23140 CC/W33**	●		●
	340	140	3.0	1580.0	2800.0	**24140 CC/W33**		●	●
	360	98	4.0	1270.0	1930.0	**22240 CC/W33**	●		●
	360	128	4.0	1610.0	2700.0	**23240 CC/W33**	●		●
	420	138	5.0	2020.0	2900.0	**22340 CC/W33**	●		●
220	300	60	2.1	546.0	1080.0	**23944 CC/W33**	●		●
	340	90	3.0	1050.0	1860.0	**23044 CC/W33**	●		●
	340	118	3.0	1360.0	2600.0	**24044 CC/W33**		●	●
	370	120	4.0	1580.0	2750.0	**23144 CC/W33**	●		●
	370	150	4.0	1840.0	3350.0	**24144 CC/W33**		●	●

Dimensions mm				Load Rating kN		AEC Bearing	K12	K30	M
d	D	B	r	Dynamic (C)	Static (C_O)				
	400	108	4.0	1520.0	2360.0	**22244 CC/W33**	●		●
	400	144	4.0	2070.0	3450.0	**23244 CC/W33**	●		●
	460	145	5.0	2350.0	3450.0	**22344 CC/W33**	●		●
240	320	60	2.1	564.0	1160.0	**23948 CC/W33**	●		●
	360	92	3.0	1130.0	2080.0	**23048 CC/W33**	●		●
	360	118	3.0	1380.0	2700.0	**24048 CC/W33**		●	●
	400	128	4.0	1790.0	3200.0	**23148 CC/W33**	●		●
	400	160	4.0	2100.0	3900.0	**24148 CC/W33**		●	●
	440	120	4.0	1910.0	3000.0	**22248 CC/W33**	●		●
	440	160	4.0	2530.0	4300.0	**23248 CC/W33**	●		●
	500	155	5.0	2670.0	4000.0	**22348 CC/W33**	●		●
260	360	75	2.1	880.0	1800.0	**23952 CC/W33**	●		●
	400	104	4.0	1400.0	2550.0	**23052 CC/W33**	●		●
	400	140	4.0	1760.0	3450.0	**24052 CC/W33**		●	●
	440	144	4.0	2220.0	3900.0	**23152 CC/W33**	●		●
	440	180	4.0	2620.0	4800.0	**24152 CC/W33**		●	●
	480	130	5.0	2300.0	3550.0	**22252 CAC/W33**	●		●
	480	174	5.0	2820.0	4750.0	**23252 CAC/W33**	●		●
	540	165	6.0	3050.0	4550.0	**22352 CC/W33**	●		●
280	380	75	2.1	845.0	1760.0	**23956 CC/W33**	●		●
	420	106	4.0	1520.0	2850.0	**23056 CC/W33**	●		●
	420	140	4.0	1870.0	3800.0	**24056 CC/W33**		●	●
	460	146	5.0	2300.0	4250.0	**23156 CC/W33**	●		●
	460	180	5.0	2670.0	5100.0	**24156 CC/W33**		●	●
	500	130	5.0	2350.0	3750.0	**22256 CAC/W33**	●		●
	500	176	5.0	2820.0	4900.0	**23256 CAC/W33**	●		●
	580	175	6.0	3450.0	5200.0	**22356 CC/W33**	●		●
300	420	90	3.0	1200.0	2500.0	**23960 CC/W33**	●		●
	460	118	4.0	1840.0	3450.0	**23060 CC/W33**	●		●
	460	160	4.0	2350.0	4750.0	**24060 CC/W33**		●	●
	500	160	5.0	2820.0	5100.0	**23160 CC/W33**	●		●
300	500	200	5.0	3280.0	6300.0	**24160 CC/W33**		●	●
	540	140	5.0	2760.0	4250.0	**22260 CAC/W33**	●		●
	540	192	5.0	3340.0	5850.0	**23260 CAC/W33**	●		●
320	440	90	3.0	1240.0	2700.0	**23964 CAC/W33**	●		●
	480	121	4.0	1960.0	3800.0	**23064 CC/W33**	●		●
	480	160	4.0	2480.0	5100.0	**24064 CC/W33**		●	●
	540	176	5.0	3280.0	6000.0	**23164 CC/W33**	●		●
	540	218	5.0	3740.0	7100.0	**24164 CC/W33**		●	●
	580	150	5.0	3160.0	4900.0	**22264 CAC/W33**	●		●
	580	208	5.0	3850.0	6700.0	**23264 CAC/W33**	●		●
340	460	90	3.0	1270.0	2800.0	**23968 CC/W33**	●		●
	520	133	5.0	2350.0	4550.0	**23068 CC/W33**	●		●
	520	180	5.0	2990.0	6200.0	**24068 CC/W33**		●	●
	580	190	5.0	3680.0	6800.0	**23168 CC/W33**	●		
	580	243	5.0	4660.0	8650.0	**24168 CAC/W33**		●	
	620	224	6.0	4660.0	8300.0	**23268 CC/W33**	●		
360	480	90	3.0	1290.0	2900.0	**23972 CAC/W33**	●		●

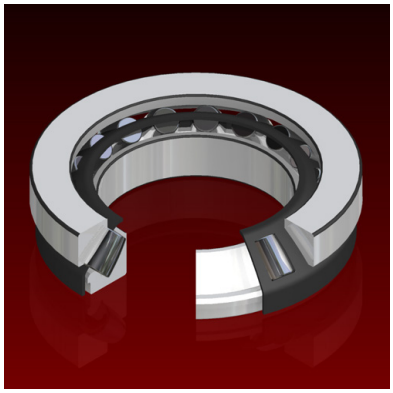
Dimensions mm				Load Rating kN		AEC Bearing	K12	K30	M
d	D	B	r	Dynamic (C)	Static (C_O)				
	540	134	5.0	2390.0	4800.0	**23072 CC/W33**	●		●
	540	180	5.0	3110.0	6550.0	**24072 CC/W33**		●	●
	600	192	5.0	3740.0	6950.0	**23172 CAC/W33**	●		●
	600	243	5.0	4490.0	8650.0	**24172 CC/W33**		●	●
	650	232	6.0	4660.0	8300.0	**23272 CA/W33**	●		●
380	520	106	4.0	1730.0	3800.0	**23976 CC/W33**	●		●
	560	135	5.0	2480.0	5000.0	**23076 CC/W33**	●		●
	560	180	5.0	3160.0	6800.0	**24076 CC/W33**		●	●
	620	194	5.0	3740.0	7100.0	**23176 CA/W33**	●		●
	620	243	5.0	4600.0	9150.0	**24176 CA/W33**		●	●
	680	240	6.0	5060.0	9150.0	**23276 CA/W33**	●		●
400	540	106	4.0	1730.0	3900.0	**23980 CAC/W33**	●		●
	600	148	5.0	2880.0	5700.0	**23080 CAC/W33**	●		●
	600	200	5.0	3620.0	7800.0	**24080 CAC/W33**		●	●
	650	200	6.0	4080.0	7650.0	**23180 CA/W33**	●		●
	650	250	6.0	4890.0	9800.0	**24180 CA/W33**		●	●
	720	256	6.0	5750.0	10400.0	**23280 CA/W33**	●		●
420	560	106	4.0	1760.0	4150.0	**23984 CAC/W33**	●		●
	620	150	5.0	2990.0	6000.0	**23084 CA/W33**	●		●
	620	200	5.0	3740.0	8150.0	**24084 CA/W33**		●	●
	700	224	6.0	4890.0	9300.0	**23184 CA/W33**	●		●
	700	280	6.0	5750.0	11400.0	**24184 CA/W33**		●	●
	760	272	7.5	6330.0	11600.0	**23284 CA/W33**	●		●
440	600	118	4.0	2100.0	4900.0	**23988 CAC/W33**	●		●
	650	157	6.0	3220.0	6550.0	**23088 CA/W33**	●		●
	650	212	6.0	4080.0	8800.0	**24088 CA/W33**		●	●
	720	226	6.0	5180.0	10000.0	**23188 CA/W33**	●		●
	720	280	6.0	5980.0	12200.0	**24188 CA/W33**		●	●
	790	280	7.5	6730.0	12500.0	**23288 CA/W33**	●		●
460	620	118	4.0	2190.0	5000.0	**23992 CA/W33**	●		●
	680	163	6.0	3450.0	6950.0	**23092 CA/W33**	●		●
	680	218	6.0	4370.0	9500.0	**24092 CA/W33**		●	●
	760	240	7.5	5640.0	10800.0	**23192 CA/W33**	●		●
	760	300	7.5	7250.0	14600.0	**24192 CA/W33**		●	●
	830	296	7.5	7360.0	13700.0	**23292 CA/W33**	●		●
480	650	128	5.0	2530.0	5700.0	**23996 CA/W33**	●		●
	700	165	6.0	3340.0	6800.0	**23096 CA/W33**	●		●
	700	218	6.0	4490.0	10000.0	**24096 CA/W33**		●	●
480	790	248	7.5	6100.0	12000.0	**23196 CA/W33**	●		●
	790	308	7.5	7250.0	15000.0	**24196 CA/W33**		●	●
	870	310	7.5	8170.0	15000.0	**23296 CA/W33**	●		●
500	670	128	5.0	2530.0	6000.0	**239/500 CA/W33**	●		●
	720	167	6.0	3680.0	7800.0	**230/500 CA/W33**	●		●
	720	218	6.0	4600.0	10400.0	**240/500 CA/W33**		●	●
	830	264	7.5	6730.0	12900.0	**231/500 CA/W33**	●		●
	830	325	7.5	8630.0	17000.0	**241/500 CA/W33**		●	●
	920	336	7.5	9780.0	18300.0	**232/500 CA/W33**	●		●
530	710	136	5.0	2820.0	6700.0	**239/530 CA/W33**	●		●

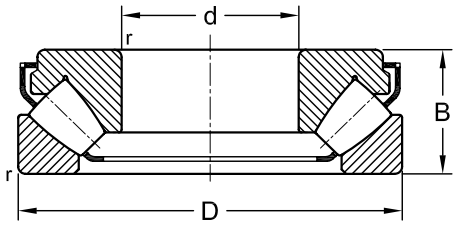
Dimensions mm				Load Rating kN		AEC Bearing	K12	K30	M
d	D	B	r	Dynamic (C)	Static (C_O)				
	780	185	6.0	4370.0	9300.0	**230/530 CA/W33**	●		●
	780	250	6.0	5640.0	12700.0	**240/530 CA/W33**		●	●
	870	272	7.5	7130.0	14000.0	**231/530 CA/W33**	●		●
	870	335	7.5	9200.0	19000.0	**241/530 CA/W33**		●	●
	980	335	9.5	11100.0	20400.0	**232/530 CA/W33**	●		●

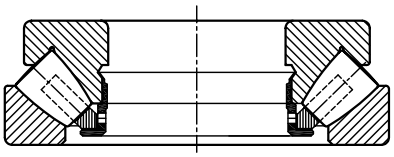
Spherical Roller Bearings

Thrust
Metric Series

29







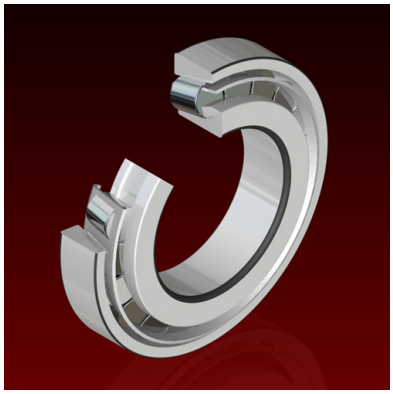
Dimensions mm				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
60	130	42	1.5	345.0	915.0	**29412 E**	•
65	140	45	2.0	397.0	1080.0	**29413 E**	•
70	150	48	2.0	449.0	1250.0	**29414 E**	•
75	160	51	2.0	518.0	1430.0	**29415 E**	•
80	170	54	2.1	575.0	1630.0	**29416 E**	•
85	150	39	1.5	334.0	1060.0	**29317 E**	•
	180	58	2.1	633.0	1800.0	**29417 E**	•
90	155	39	1.5	345.0	1080.0	**29318 E**	•
	190	60	2.1	702.0	2000.0	**29418 E**	•
100	170	42	1.5	408.0	1290.0	**29320 E**	•
	210	67	3.0	863.0	2500.0	**29420 E**	•
110	190	48	2.0	535.0	1730.0	**29322 E**	•
	230	73	3.0	1010.0	3000.0	**29422 E**	•
120	210	54	2.1	656.0	2120.0	**29324 E**	•
	250	78	4.0	1170.0	3450.0	**29424 E**	•
130	225	58	2.1	753.0	2500.0	**29326 E**	•
	270	85	4.0	1380.0	4050.0	**29426 E**	•
140	240	60	2.1	845.0	2850.0	**29328 E**	•
	280	85	4.0	1400.0	4300.0	**29428 E**	•
150	215	39	1.5	345.0	1370.0	**29230**	•
	250	60	2.1	863.0	2850.0	**29330 E**	•
	300	90	4.0	1610.0	5100.0	**29430 E**	•
160	225	39	1.5	357.0	1460.0	**29232**	•
	270	67	3.0	1010.0	3450.0	**29332 E**	•
	320	95	5.0	1790.0	5600.0	**29432 E**	•
170	240	42	1.5	408.0	1660.0	**29234**	•
	280	67	3.0	1050.0	3550.0	**29334 E**	•
	340	103	5.0	2020.0	6550.0	**29434 E**	•
180	250	42	1.5	420.0	1760.0	**29236**	•
	300	73	3.0	1240.0	4300.0	**29336 E**	•
	360	109	5.0	2250.0	7350.0	**29436 E**	•
190	270	48	2.0	518.0	2200.0	**29238 E**	•

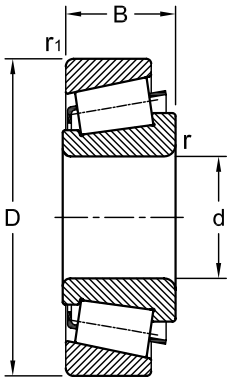
Dimensions mm				Load Rating kN		AEC Bearing	M
d	D	B	r	Dynamic (C)	Static (C_O)		
	320	78	4.0	1400.0	4750.0	**29338 E**	●
	380	115	5.0	2480.0	8000.0	**29438 E**	●
200	280	48	2.0	535.0	2280.0	**29240**	●
	340	85	4.0	1610.0	5500.0	**29340 E**	●
	400	122	5.0	2760.0	9000.0	**29440 E**	●
220	300	48	2.0	546.0	2400.0	**29244**	●
	360	85	4.0	1730.0	6300.0	**29344 E**	●
	420	122	6.0	2880.0	9650.0	**29444 E**	●
240	340	60	2.1	799.0	3450.0	**29248**	●
	380	85	4.0	1790.0	6550.0	**29348 E**	●
	440	122	6.0	2990.0	10200.0	**29448 E**	●
260	360	60	2.1	817.0	3650.0	**29252**	●
	420	95	5.0	2220.0	8300.0	**29352 E**	●
	480	132	6.0	3510.0	12900.0	**29452 E**	●
280	380	60	2.1	863.0	4000.0	**29256**	●
	440	95	5.0	2190.0	8650.0	**29356 E**	●
	520	145	6.0	4310.0	15300.0	**29456 E**	●
300	420	73	3.0	1070.0	4800.0	**29260**	●
	480	109	5.0	2670.0	10600.0	**29360 E**	●
	540	145	6.0	4370.0	16600.0	**29460 E**	●
320	440	73	3.0	1110.0	5100.0	**29264**	●
	500	109	5.0	2880.0	11200.0	**29364 E**	●
	580	155	7.0	4950.0	19000.0	**29464 E**	●
340	460	73	3.0	1130.0	5400.0	**29268**	●
	540	122	5.0	2710.0	11000.0	**29368**	●
	620	170	7.5	5750.0	22400.0	**29468 E**	●
360	500	85	4.0	1460.0	6800.0	**29272**	●
	560	122	5.0	2760.0	11600.0	**29372**	●
	640	170	7.5	5350.0	21200.0	**29472 E**	●
380	520	85	4.0	1580.0	7650.0	**29276**	●
	600	132	6.0	3340.0	14000.0	**29376**	●
	670	175	7.5	5870.0	24000.0	**29476 E**	●
400	540	85	4.0	1610.0	8000.0	**29280**	●
	620	132	6.0	3450.0	14600.0	**29380**	●
	710	185	7.5	6560.0	26500.0	**29480 E**	●
420	580	95	4.0	1990.0	9800.0	**29284**	●
	650	140	6.0	3740.0	16000.0	**29384**	●
	730	185	7.5	6730.0	27500.0	**29484 E**	●
440	600	95	5.0	2070.0	10400.0	**29288**	●
	680	145	6.0	4490.0	19300.0	**29388**	●
	780	206	9.5	7820.0	32000.0	**29488 E**	●
460	620	95	5.0	2070.0	10600.0	**29292**	●
	710	150	6.0	4310.0	19000.0	**29392**	●
	800	206	9.5	7990.0	33500.0	**29492 E**	●
480	650	103	5.0	2350.0	11800.0	**29296**	●
	730	150	6.0	4370.0	19600.0	**29396**	●
	850	224	9.5	9550.0	39000.0	**29496 E**	●

Taper Roller Bearings

Single Row
Metric Series

30, 31, 32





Dimensions mm					Load Rating kN		AEC Bearing
d	D	B	r	r_1	Dynamic (C)	Static (C_O)	
15	35	11.75	0.6	0.6	12.5	11.8	**30202**
	42	14.25	1.0	1.0	22.4	20.0	**30302**
17	40	13.25	1.0	1.0	19.0	18.6	**30203**
	47	15.25	1.0	1.0	28.1	25.0	**30303**
	47	20.25	1.0	1.0	34.7	33.5	**32303**
18	47	14.38	2.0	2.0	26.4	43.3	**I 100545/46**
20	42	15.00	0.6	0.6	24.2	27.0	**32004**
	47	15.25	1.0	1.0	27.5	28.0	**30204**
	52	16.25	1.5	1.5	34.1	32.5	**30304**
	52	22.25	1.5	1.5	44.0	45.8	**32304**
22	44	15.00	0.6	0.6	25.1	29.0	**320/22**
	47	17.00	1.0	1.0	34.1	36.5	**T2CC 022**
25	47	15.00	0.6	0.6	27.0	32.5	**32005**
	52	16.25	1.0	1.0	30.8	33.5	**30205**
	52	19.25	1.0	1.0	35.8	44.0	**32205**
	52	22.00	1.0	1.0	47.3	56.0	**33205**
	62	18.25	1.5	1.5	44.6	43.0	**30305**
	62	18.25	1.5	1.5	38.0	40.0	**31305**
	62	25.25	1.5	1.5	60.5	63.0	**32305**
28	52	16.00	1.0	1.0	31.9	38.0	**320/28**
	58	20.25	1.0	1.0	41.8	50.0	**322/28**
	70	20.50	1.5	1.5	59.5	96.1	**1838051/52**
30	55	17.00	1.0	1.0	35.8	44.0	**32006**
	62	17.25	1.0	1.0	40.2	44.0	**30206**
	62	21.25	1.0	1.0	50.1	57.0	**32206**
	62	21.25	1.0	1.0	49.5	58.5	**32206 B**
	62	25.00	1.0	1.0	64.4	76.5	**33206**
	72	20.75	1.5	1.5	56.1	56.0	**30306**
	72	20.75	1.5	1.5	47.3	50.0	**31306**
	72	28.75	1.5	1.5	76.5	85.0	**32306**
32	58	17.00	1.0	1.0	36.9	46.5	**320/32**
33	62	16.00	2.5	2.5	43.5	76.3	**1838055/56**

Dimensions mm					Load Rating kN		AEC Bearing
d	D	B	r	r_1	Dynamic (C)	Static (C_O)	
35	62	18.00	1.0	1.0	42.9	54.0	**32007**
	72	18.25	1.5	1.5	51.2	56.0	**30207**
	72	24.25	1.5	1.5	66.0	78.0	**32207**
	72	24.25	1.5	1.5	60.5	75.0	**32207 B**
	72	28.00	1.5	1.5	84.2	106.0	**33207**
	80	22.75	2.0	1.5	72.1	73.5	**30307**
	80	22.75	2.0	1.5	61.6	67.0	**31307**
	80	32.75	2.0	1.5	95.2	106.0	**32307**
	80	32.75	2.0	1.5	93.5	114.0	**32307 B**
	68	19.00	1.0	1.0	52.8	71.0	**32008**
	75	26.00	1.5	1.5	79.2	104.0	**33108**
	80	19.75	1.5	1.5	61.6	68.0	**30208**
	80	24.75	1.5	1.5	74.8	86.5	**32208**
	80	32.00	1.5	1.5	105.0	132.0	**33208**
	85	33.00	2.0	1.5	121.0	150.0	**T2EE 040**
	90	25.25	2.5	2.0	85.8	95.0	**30308**
	90	25.25	2.0	1.5	73.7	81.5	**31308**
	90	35.25	2.0	1.5	117.0	140.0	**32308**
	90	35.25	2.0	1.5	108.0	140.0	**32308 B**
	95	27.50	2.0	1.5	94.4	170.4	**331257**
45	75	20.00	1.0	1.0	58.3	80.0	**32009**
	80	26.00	1.5	1.5	84.2	114.0	**33109**
	85	20.75	1.5	1.5	66.0	76.5	**30209**
45	85	24.75	1.5	1.5	80.9	98.0	**32209**
	85	27.75	1.5	1.5	80.9	98.0	**32209 sp**
	85	27.75	1.5	1.5	73.7	93.0	**32209 B**
	85	32.00	1.5	1.5	108.0	143.0	**33209**
	95	29.00	2.5	2.5	89.7	112.0	**T7FC 045**
	95	36.00	2.5	2.5	147.0	186.0	**T2ED 045**
	100	27.25	2.0	1.5	108.0	120.0	**30309**
	100	27.25	2.0	1.5	91.3	102.0	**31309**
	100	38.45	2.0	1.5	140.0	170.0	**32309**
	100	38.45	2.0	1.5	134.0	176.0	**32309 B**
50	80	20.00	1.0	1.0	60.5	154.8	**32010**
	80	24.00	1.0	1.0	69.3	102.0	**33010**
	82	21.50	3.0	0.5	72.1	100.0	**K-JLM 104948/104910**
	85	26.00	1.5	1.5	85.8	122.0	**33110**
	90	21.75	1.5	1.5	76.5	91.5	**30210**
	90	24.75	1.5	1.5	82.5	100.0	**32210**
	90	24.75	1.5	1.5	82.5	104.0	**32210 B**
	90	28.00	3.0	2.5	106.0	140.0	**K-JLM 205149/205110**
	90	28.00	3.0	0.8	106.0	140.0	**K-JLM 205149/205110 A**
	90	32.00	1.5	1.5	114.0	160.0	**33210**
	100	36.00	2.5	2.5	154.0	200.0	**T2ED 050**
	105	32.00	3.0	3.0	108.0	137.0	**T7FC 050**
	110	29.25	2.5	2.0	125.0	140.0	**30310**
	110	29.25	2.5	2.0	106.0	120.0	**31310**
	110	42.25	2.5	2.0	172.0	212.0	**32310**

Dimensions mm					Load Rating kN		AEC Bearing
d	D	B	r	r_1	Dynamic (C)	Static (C_O)	
	110	42.25	2.5	2.0	161.0	216.0	**32310 B**
55	90	23.00	1.5	0.5	78.1	112.0	**K-JLM 506849/506810**
	90	23.00	1.5	1.5	80.9	116.0	**32011**
	99	27.00	1.5	1.5	89.7	137.0	**33011**
55	95	30.00	1.5	1.5	110.0	156.0	**33111**
	100	22.75	2.0	1.5	89.7	106.0	**30211**
	100	26.75	2.0	1.5	106.0	129.0	**32211**
	100	26.75	2.0	1.5	101.0	127.0	**32211 B**
	100	35.00	2.0	1.5	138.0	190.0	**33211**
	110	39.00	2.5	2.5	179.0	232.0	**T2ED 055**
	115	34.00	3.0	3.0	125.0	163.0	**T7FC 055**
	120	31.50	2.5	2.0	142.0	163.0	**30311**
	120	31.50	2.5	2.0	121.0	137.0	**31311**
	120	45.50	2.5	2.0	198.0	250.0	**32311**
	120	45.50	2.5	2.0	190.0	260.0	**32311 B**
60	95	23.00	1.5	1.5	82.5	122.0	**32012**
	95	24.00	5.0	2.5	84.2	132.0	**K-JLM 508748/508710**
	95	27.00	1.5	1.5	91.3	143.0	**33012**
	100	30.00	1.5	1.5	117.0	170.0	**33112**
	110	23.75	2.0	1.5	99.0	114.0	**30212**
	110	29.75	2.0	1.5	125.0	160.0	**32212**
	110	38.00	2.0	1.5	168.0	236.0	**33212**
	115	39.00	4.0	2.5	168.0	250.0	**T5ED 060**
	115	40.00	2.5	2.5	194.0	260.0	**T2EE 060**
	125	37.00	3.0	3.0	154.0	204.0	**T7FC 060**
	110	29.75	2.5	0.5	125.0	160.0	**330201**
	120	45.50	3.0	2.5	194.2	408.7	**215424 C**
	130	33.50	3.0	2.5	168.0	196.0	**30312**
	130	33.50	3.0	2.5	145.0	166.0	**31312**
	130	48.80	3.0	2.5	229.0	290.0	**32312**
	130	48.80	3.0	2.5	220.0	305.0	**32312 B**
	135	33.45	3.5	3.5	161.9	304.6	**330632**
65	100	23.00	1.5	1.5	84.2	127.0	**32013**
	100	27.00	1.5	1.5	96.8	156.0	**33013**
	110	28.00	3.0	2.5	123.0	183.0	**K-JM 511946/511910**
	110	34.00	1.5	1.5	142.0	208.0	**33113**
	120	24.75	2.0	1.5	114.0	134.0	**30213**
	120	32.75	2.0	1.5	151.0	193.0	**32213**
	120	39.00	4.0	2.5	161.0	240.0	**T5ED 065**
	120	39.00	3.0	2.5	187.0	265.0	**K-JH 211749/211710**
	120	41.00	2.0	1.5	194.0	270.0	**33213**
	130	37.00	3.0	3.0	157.0	216.0	**T7FC 065**
	140	36.00	3.0	2.5	194.0	228.0	**30313**
	140	36.00	3.0	2.5	165.0	193.0	**31313**
	140	51.00	3.0	2.5	264.0	335.0	**32313**
	140	51.00	3.0	2.5	246.0	345.0	**32313 B**
	145	40.00	3.0	3.0	198.4	386.6	**77213**
	150	53.50	2.5	2.0	301.2	649.7	**215426 C**

Dimensions mm					Load Rating kN		AEC Bearing
d	D	B	r	r_1	Dynamic (C)	Static (C_O)	
70	110	25.00	1.5	1.5	101.0	153.0	**32014**
	110	26.00	1.0	2.5	101.0	160.0	**K-JLM 803146/803110**
	110	31.00	1.5	1.5	130.0	196.0	**33014**
	120	37.00	2.0	1.5	172.0	250.0	**33114**
	125	26.25	2.0	1.5	125.0	156.0	**30214**
	125	33.25	2.0	1.5	157.0	208.0	**32214**
	125	41.00	2.0	1.5	201.0	285.0	**33214**
	130	43.00	3.0	2.5	233.0	325.0	**T2ED 070**
	140	39.00	3.0	3.0	176.0	240.0	**T7FC 070**
	140	52.00	5.0	3.0	281.0	405.0	**T4FE 070**
	150	38.00	3.0	2.5	220.0	260.0	**30314**
	150	38.00	3.0	2.5	187.0	220.0	**31314**
	150	54.00	3.0	2.5	297.0	380.0	**32314**
	150	54.00	3.0	2.5	281.0	400.0	**32314 B**
75	105	20.00	1.0	1.0	70.4	116.0	**32915**
	115	25.00	1.5	1.5	106.0	163.0	**32015**
	115	31.00	1.5	1.5	134.0	228.0	**33015**
	120	31.00	3.0	2.5	138.0	216.0	**K-JM 714249/714210**
	125	37.00	2.0	1.5	176.0	265.0	**33115**
	130	27.25	2.0	1.5	140.0	176.0	**30215**
	130	33.25	2.0	1.5	161.0	212.0	**32215**
	130	41.00	2.0	1.5	209.0	300.0	**33215**
	145	51.00	3.0	2.5	308.0	450.0	**K-JH 415647/415610**
	150	42.00	3.0	3.0	201.0	280.0	**T7FC 075**
	160	40.00	3.0	2.5	246.0	290.0	**30315**
	160	40.00	3.0	2.5	209.0	245.0	**31315**
	160	58.00	3.0	2.5	336.0	440.0	**32315**
	160	58.00	3.0	2.5	336.0	475.0	**32315 B**
80	125	29.00	1.5	1.5	138.0	216.0	**32016**
	125	36.00	1.5	1.5	168.0	285.0	**33016**
	130	37.00	2.0	1.5	179.0	280.0	**33116**
	140	28.25	2.5	2.0	151.0	183.0	**30216**
	140	35.25	2.5	2.0	187.0	245.0	**32216**
	140	46.00	2.5	2.0	251.0	375.0	**33216**
	145	46.00	3.0	2.5	281.0	400.0	**T2ED 080**
	170	42.50	3.0	2.5	270.0	320.0	**30316**
	170	42.50	3.0	2.5	224.0	265.0	**31316**
	170	61.50	3.0	2.5	380.0	500.0	**32316**
	170	61.50	3.0	2.5	358.0	520.0	**32316 B**
85	130	29.00	1.5	1.5	140.0	224.0	**32017**
	130	30.00	3.0	2.5	140.0	228.0	**K-JM 716649/716610**
	130	36.00	1.5	1.5	183.0	310.0	**33017**
	140	41.00	2.5	2.0	220.0	340.0	**33117**
85	150	30.50	2.5	2.0	176.0	220.0	**30217**
	150	38.50	2.5	2.0	212.0	285.0	**32217**
	150	49.00	2.5	2.0	286.0	430.0	**33217**
	180	44.50	4.0	3.0	303.0	365.0	**30317**
	180	44.50	4.0	3.0	242.0	285.0	**31317**

Dimensions mm					Load Rating kN		AEC Bearing
d	D	B	r	r_1	Dynamic (C)	Static (C_O)	
	180	63.50	4.0	3.0	402.0	530.0	**32317**
	180	63.50	4.0	3.0	391.0	560.0	**32317 B**
90	140	32.00	2.0	1.5	168.0	270.0	**32018**
	140	39.00	2.0	1.5	216.0	355.0	**33018**
	145	35.00	6.0	2.5	201.0	305.0	**K-JM 718149/718110**
	150	45.00	2.5	2.0	251.0	390.0	**33118**
	155	46.00	3.0	3.0	286.0	430.0	**T2ED 090**
	160	32.50	2.5	2.0	194.0	245.0	**30218**
	160	42.50	2.5	2.0	251.0	340.0	**32218**
	160	49.50	2.5	2.0	261.6	602.7	**215436 C**
	175	48.00	4.0	4.0	270.0	380.0	**T7FC 090**
	190	46.50	4.0	3.0	330.0	400.0	**30318**
	190	46.50	4.0	3.0	264.0	315.0	**31318**
	190	67.50	4.0	3.0	457.0	610.0	**32318**
95	130	23.00	1.5	1.5	102.0	183.0	**32919**
	145	32.00	2.0	1.5	168.0	270.0	**32019**
	145	39.00	2.0	1.5	220.0	375.0	**33019**
	160	46.00	3.0	3.0	297.0	455.0	**T2ED 095**
	170	34.50	3.0	2.5	216.0	275.0	**30219**
	170	45.50	3.0	2.5	281.0	390.0	**32219**
	200	49.50	4.0	3.0	330.0	390.0	**30319**
	200	49.50	4.0	3.0	292.0	355.0	**31319**
	200	71.50	4.0	3.0	501.0	670.0	**32319**
100	145	24.00	3.0	3.0	125.0	190.0	**T4CB 100**
	150	32.00	2.0	1.5	172.0	280.0	**32020**
	150	39.00	2.0	1.5	224.0	390.0	**33020**
	160	41.00	3.0	3.0	246.0	390.0	**K-JHM 720249/720210**
	165	47.00	3.0	2.5	314.0	480.0	**T2EE 100**
	180	37.00	3.0	2.5	246.0	320.0	**30220**
	180	49.00	3.0	2.5	319.0	440.0	**32220**
	180	63.00	3.0	2.5	429.0	655.0	**33220**
	215	51.50	4.0	3.0	402.0	490.0	**30320**
	215	56.50	4.0	3.0	374.0	465.0	**31320**
	215	77.50	4.0	3.0	572.0	780.0	**32320**
105	145	25.00	1.5	1.5	129.0	220.0	**32921**
	160	35.00	2.5	2.0	201.0	335.0	**32021**
	190	39.00	3.0	3.0	257.3	506.9	**214442 C**
	160	43.00	2.5	2.0	246.0	430.0	**33021**
	190	39.00	3.0	2.5	270.0	355.0	**30221**
	190	53.00	3.0	2.5	358.0	510.0	**32221**
	225	53.50	4.0	3.0	429.0	530.0	**30321**
	225	58.00	4.0	3.0	402.0	500.0	**31321**
	225	81.50	4.0	3.0	605.0	815.0	**32321**
110	150	25.00	1.5	1.5	125.0	224.0	**32922**
	160	27.00	3.0	3.0	154.0	232.0	**T4CB 110**
	170	38.00	3.0	2.5	215.3	534.7	**214244 C**
	170	38.00	2.5	2.0	233.0	390.0	**32022**
	170	47.00	2.5	2.0	281.0	500.0	**33022**

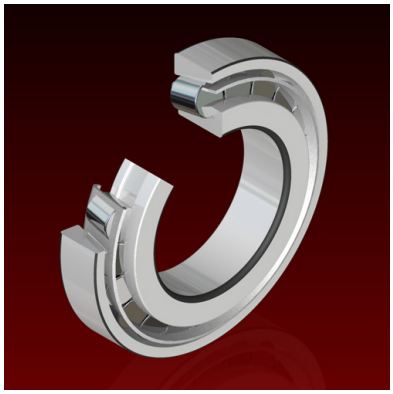
Dimensions mm					Load Rating kN		AEC Bearing
d	D	B	r	r_1	Dynamic (C)	Static (C_O)	
	180	47.00	3.0	2.5	319.0	520.0	**K-JHM 522649/522610**
	180	56.00	2.5	2.0	369.0	630.0	**33122**
	200	41.00	3.0	2.5	308.0	405.0	**30222**
110	200	56.00	3.0	2.5	402.0	570.0	**32222**
	240	54.50	4.0	3.0	473.0	585.0	**30322**
	240	63.50	4.0	3.0	457.0	585.0	**31322**
	240	84.50	4.0	3.0	627.0	830.0	**32322**
120	165	29.00	1.5	1.5	176.0	310.0	**32924**
	170	27.00	3.0	3.0	157.0	250.0	**T4CB 120**
	180	38.00	2.5	2.0	242.0	415.0	**32024**
	180	48.00	2.5	2.0	292.0	540.0	**33024**
	215	43.50	3.0	2.5	341.0	465.0	**30224**
	215	61.50	3.0	2.5	468.0	695.0	**32224**
	260	59.50	4.0	3.0	561.0	710.0	**30324**
	260	68.00	4.0	3.0	539.0	695.0	**31324**
	260	90.50	4.0	3.0	792.0	1120.0	**32324**
130	180	32.00	2.0	1.5	198.0	365.0	**32926**
	185	29.00	3.0	3.0	194.0	315.0	**T4CB 130**
	200	45.00	2.5	2.0	314.0	540.0	**32026**
	230	43.75	4.0	3.0	369.0	490.0	**30226**
	230	67.75	4.0	3.0	550.0	830.0	**32226**
	280	63.75	5.0	4.0	627.0	800.0	**30326**
	280	72.00	5.0	4.0	605.0	780.0	**31326**
	280	98.75	5.0	4.0	858.0	1180.0	**32326**
140	190	32.00	2.0	1.5	205.0	390.0	**32928**
	195	29.00	3.0	3.0	194.0	325.0	**T4CB 140**
	210	45.00	2.5	2.0	330.0	585.0	**32028**
	250	45.75	4.0	3.0	418.0	570.0	**30228**
	250	71.75	4.0	3.0	644.0	1000.0	**32228**
	300	67.75	5.0	4.0	737.0	950.0	**30328**
	300	77.00	5.0	4.0	693.0	900.0	**31328**
150	210	32.00	3.0	3.0	233.0	390.0	**T4DB 150**
	210	38.00	2.5	2.0	285.0	500.0	**32930**
	225	48.00	3.0	2.5	369.0	655.0	**32030**
	225	59.00	3.0	2.5	457.0	865.0	**33030**
	270	49.00	4.0	3.0	429.0	560.0	**30230**
	270	77.00	4.0	3.0	737.0	1140.0	**32230**
	320	72.00	5.0	4.0	825.0	1060.0	**30330**
	320	82.00	5.0	4.0	781.0	1020.0	**31330**
	320	114.00	5.0	4.0	1170.0	1660.0	**32330**
160	220	32.00	3.0	3.0	242.0	415.0	**T4DB 160**
	220	38.00	2.5	2.0	300.0	530.0	**32932**
	240	51.00	3.0	2.5	429.0	780.0	**32032**
	290	52.00	4.0	3.0	528.0	735.0	**30232**
	290	84.00	4.0	3.0	880.0	1400.0	**32232**
	340	75.00	5.0	4.0	913.0	1180.0	**30332**
170	230	38.00	2.5	2.0	286.0	585.0	**32934**
	260	57.00	3.0	2.5	512.0	915.0	**32034**

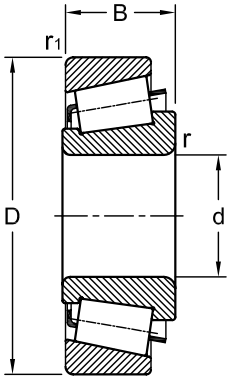
Dimensions mm					Load Rating kN		AEC Bearing
d	D	B	r	r_1	Dynamic (C)	Static (C_O)	
	310	57.00	5.0	4.0	616.0	865.0	**30234**
	310	91.00	5.0	4.0	1010.0	1630.0	**32234**
	360	80.00	5.0	4.0	1020.0	1340.0	**30334**
180	250	45.00	2.5	2.0	352.0	735.0	**32936**
	280	64.00	3.0	2.5	644.0	1160.0	**32036**
	320	57.00	5.0	4.0	583.0	815.0	**30236**
	320	91.00	5.0	4.0	1010.0	1630.0	**32236**
190	260	45.00	2.5	2.0	358.0	765.0	**32938**
	290	64.00	3.0	2.5	660.0	1200.0	**32038**
	340	60.00	5.0	4.0	721.0	1000.0	**30238**
	340	97.00	5.0	4.0	1190.0	1930.0	**32238**
200	280	51.00	3.0	2.5	473.0	950.0	**32940**
	310	70.00	3.0	2.5	748.0	1370.0	**32040**
	360	64.00	5.0	4.0	792.0	1120.0	**30240**
	360	104.00	5.0	4.0	1210.0	2000.0	**32240**
220	285	41.00	4.0	3.0	396.0	830.0	**T2DC 220**
	300	51.00	3.0	2.5	500.0	980.0	**32944**
	340	76.00	4.0	3.0	897.0	1660.0	**32044**
	400	72.00	5.0	4.0	990.0	1400.0	**30244**
	400	114.00	5.0	4.0	1610.0	2700.0	**32244**
240	320	42.00	3.0	3.0	429.0	815.0	**T4EB 240**
	320	51.00	3.0	2.5	512.0	1080.0	**32948**
	360	76.00	4.0	3.0	935.0	1800.0	**32048**
	440	127.00	5.0	4.0	1940.0	3350.0	**32248**
260	360	63.50	3.0	2.5	750.0	1500.0	**32952**
	400	87.00	5.0	4.0	1170.0	2200.0	**32052**
	480	137.00	6.0	5.0	2200.0	3650.0	**32252**
	540	113.00	6.0	6.0	2120.0	3050.0	**30352**
280	380	63.50	3.0	2.5	765.0	1660.0	**32956**
	420	87.00	5.0	4.0	1210.0	2360.0	**32056**
300	420	76.00	4.0	3.0	1050.0	2240.0	**32960**
	460	100.00	5.0	4.0	1530.0	2900.0	**32060**
320	480	100.00	5.0	4.0	1540.0	3100.0	**32064**

Taper Roller Bearings

Single Row
Inch Series

K, KHM, KL,KLM





Dimensions inch					Load Rating kN		AEC Bearing
d	D	B	r (mm)	r_1 (mm)	Dynamic (C)	Static (C_O)	
0.5901	1.3775	0.4330	0.8	1.3	13.4	13.2	**K-A 4059/K-A 4138**
0.6250	1.6250	0.5625	1.3	2.0	22.0	21.2	**K-03062/K-03162**
	1.6875	0.5625	1.5	1.5	17.6	17.6	**K-11590/K-11520**
0.6875	1.5700	0.5450	1.3	1.3	21.2	20.8	**K-LM 11749/K-LM 11710**
0.7500	1.7810	0.6100	1.3	1.3	27.5	27.5	**K-LM 11949/K-LM 11910**
	1.9380	0.7100	1.3	1.3	39.1	40.0	**K-09067/K-09195**
	1.9380	0.7813	1.5	1.3	39.1	40.0	**K-09074/K-09195**
	1.9380	0.7813	1.3	1.3	39.1	40.0	**K-09078/K-09195**
	1.9380	0.8350	1.3	1.5	39.1	40.0	**K-09067/K-09196**
	1.9380	0.9063	1.5	1.5	39.1	40.0	**K-09074/K-09196**
	1.9380	0.9063	1.3	1.5	39.1	40.0	**K-09078/K-09196**
	2.1250	0.8750	1.5	2.3	39.6	39.0	**K-21075/K-21212**
0.8120	1.9380	0.7813	1.5	1.3	39.1	40.0	**K-09081/K-09195**
	1.9380	0.9063	1.5	1.5	39.1	40.0	**K-09081/K-09196**
0.8437	1.9687	0.6900	1.3	1.3	36.9	38.0	**K-M 12649/K-M 12610**
0.8656	1.7810	0.6100	1.3	1.3	27.5	31.0	**K-LM 12749/K-LM 12710**
	1.8100	0.6100	1.3	1.3	27.5	31.0	**K-LM 12749/K-LM 12711**
0.8750	2.0000	0.5910	1.5	1.5	28.1	30.5	**K-07087/K-07210 X**
	2.0625	0.7625	1.5	1.5	41.8	44.0	**K-1380/K-1328**
1.0000	1.9800	0.5600	1.3	1.3	26.0	30.0	**K-L 44643/K-L 44610**
	2.0000	0.5910	1.5	1.5	28.1	30.5	**K-07100 S/K-07210 X**
	2.0000	0.5910	3.3	1.5	28.1	30.5	**K-07100 SA/K-07210 X**
	2.2500	0.7650	1.5	1.5	39.6	45.0	**K-M 84548/K-M 84510**
	2.4409	0.7500	0.8	1.3	48.4	57.0	**K-15101/K-15245**
	2.5000	0.8125	3.5	1.3	47.4	86.0	**15100/15250**
	2.5000	0.8125	0.8	1.5	48.4	57.0	**K-15101/K-15250 X**
1.0236	2.3543	0.6875	2.0	2.0	43.5	76.3	**1838057/1838058**
1.0625	1.9800	0.5600	3.5	1.3	26.0	30.0	**K-L 44649/K-L 44610**
1.1250	2.2500	0.7813	3.5	1.5	47.3	55.0	**K-1988/K-1922**
	2.4409	0.7500	3.5	1.3	48.4	57.0	**K-15112/K-15245**
	2.5000	0.8125	3.5	1.5	48.4	57.0	**K-15112/K-15250**
	2.5312	0.8438	1.5	1.5	49.5	61.0	**K-M 86647/K-M 86610**

Dimensions inch					Load Rating kN		AEC Bearing
d	D	B	r (mm)	r_1 (mm)	Dynamic (C)	Static (C_O)	
	2.6875	0.8750	0.8	1.5	58.3	69.5	**K-02474/K-02420**
1.1417	1.9800	0.5600	3.5	1.3	26.0	32.5	**331274**
1.1811	2.7170	0.7813	0.8	1.3	53.9	67.0	**K-14118/K-14276**
	2.8380	0.8813	0.8	2.3	53.9	67.0	**K-14118/K-14283**
1.1875	2.5312	0.8438	1.5	1.5	49.5	61.0	**K-M 86649/K-M 86610**
	2.6875	0.8750	2.3	1.5	55.0	69.5	**K-M 88043/K-M 88010**
	2.6875	0.8750	2.3	2.3	55.0	69.0	**K-M 88043/K-M 88011**
1.1895	2.4409	0.7500	3.5	1.3	48.4	57.0	**K-15118/K-15245**
	2.5000	0.8125	3.5	1.5	48.4	57.0	**K-15118/K-15250 X**
1.2500	2.3280	0.6250	3.6	1.3	34.7	41.5	**K-LM 67048/K-LM 67010**
	2.4409	0.7150	4.0	1.3	48.4	57.0	**K-15123/K-15245**
	2.5000	0.7775	4.0	1.5	48.4	57.0	**K-15123/K-15250 X**
	2.6150	1.0000	0.8	3.3	69.3	81.5	**K-2580/K-2520**
	2.6875	0.8750	1.5	1.5	55.0	69.5	**K-M 88046/K-M 88010**
	2.6875	0.8750	1.5	2.3	55.0	69.5	**K-M 88046/K-M 88011**
	2.8593	1.1875	0.8	3.3	79.3	144.1	**3188 / 3120**
	2.8750	1.1563	1.3	3.3	70.4	95.0	**K-HM 88452/K-HM 88510**
	3.1250	1.0000	1.5	1.5	67.1	71.0	**K-43125/K-43312**
1.3125	2.6875	0.8750	0.8	1.5	55.0	69.5	**K-M 88048/K-M 88010**
	2.6875	0.8750	0.8	2.3	55.0	69.5	**K-M 88048/K-M 88011**
	2.7170	0.7813	3.5	3.3	53.9	67.0	**K-14130/K-14274**
	2.7170	0.7813	3.5	1.3	53.9	67.0	**K-14130/K-14276**
	2.7500	0.9375	3.5	1.3	70.4	133.2	**2585/2523**
	2.8380	0.8813	3.5	2.3	53.9	67.0	**K-14130/K-14283**
	3.0000	1.1563	0.8	3.3	78.1	106.0	**K-HM 89443/K-HM 89410**
	3.1250	1.0000	3.5	1.5	67.1	71.0	**K-43131/K-43312**
1.3750	2.5625	0.7100	3.6	1.3	47.3	57.0	**K-LM 484548/K-LM 48510**
	2.7170	0.7813	1.5	1.3	53.9	67.0	**K-14137 A/K-14276**
	2.7170	0.7813	3.5	1.3	53.9	67.0	**K-14138 A/K-14276**
	2.7170	0.7813	1.5	3.3	53.9	67.0	**K-14137 A/K-14274**
	2.7170	0.7813	3.5	3.3	53.9	67.0	**K-14138 A/K-14274**
	2.7170	1.0623	0.8	1.3	53.9	67.0	**K-14136 A/K-14276**
	2.7170	1.0623	0.8	3.3	53.9	67.0	**K-14136 A/K-14274**
	2.8380	0.8813	1.5	2.3	53.9	67.0	**K-14137 A/K-14283**
	2.8380	0.8813	3.5	2.3	53.9	67.0	**K-14138 A/K-14283**
	2.8380	1.1623	0.8	2.3	53.9	67.0	**K-14136 A/K-14283**
	2.8438	1.0000	2.3	2.3	67.1	90.0	**K-HM 88649/K-HM 88610**
	3.0000	0.8125	1.5	1.3	56.1	64.0	**K-28137/K-28300**
	3.0000	1.1563	3.5	3.3	78.1	106.0	**K-HM 89446/K-HM 89410**
	3.0000	1.1563	3.5	3.3	85.8	106.0	**K-31593/K-31520**
	3.0000	1.1563	1.5	3.3	85.8	106.0	**K-31594/K-31520**
	3.1250	1.1563	3.5	3.3	91.3	110.0	**K-3478/K-3420**
	3.1510	0.8438	1.5	1.5	56.1	64.0	**K-28137/K-28317**
	3.4375	1.1875	3.5	3.3	102.0	132.0	**K-3581/K-3525**
	2.8750	0.9375	1.5	0.8	72.1	88.0	**K-25877/K-25821**
	2.8750	0.9375	1.5	2.3	72.1	88.0	**K-25877/K-25820**
	2.8750	1.0625	3.5	1.5	73.7	88.0	**K-23690/K-23620**
1.3775	2.3280	0.6250	3.5	1.3	33.0	44.0	**K-L 68149/K-L 68110**

Dimensions inch					Load Rating kN		AEC Bearing
d	D	B	r (mm)	r_1 (mm)	Dynamic (C)	Static (C_O)	
	2.3612	0.6250	3.5	1.3	33.0	44.0	**K-L 68149/K-L 68111**
1.4365	2.8750	0.9375	1.5	0.8	72.1	88.0	**K-25880/K-25821**
	2.8750	0.9375	1.5	2.3	72.1	88.0	**K-25880/K-25820**
	2.8750	0.9375	3.5	0.8	74.8	93.0	**K-2794/K-2735 X**
	3.0000	0.9375	3.5	3.3	74.8	93.0	**K-2794/K-2720**
1.4375	3.0000	1.1563	0.8	3.3	78.1	106.0	**K-HM 89448/K-HM 89410**
	3.0000	1.1563	3.5	3.3	78.1	106.0	**K-HM 89449/K-HM 894410**
	3.0000	1.1563	3.5	3.3	85.8	106.0	**K-31597/K-31520**
1.5000	2.5625	0.7100	2.3	1.3	42.9	57.0	**K-LM 29749/K-LM 29710**
	2.5625	0.7800	2.3	1.3	42.9	57.0	**K-LM 29749/K-LM 29711**
	2.8346	0.6700	1.5	2.0	42.9	51.0	**K-19150/K-19283 X**
	2.8346	0.7480	3.5	1.5	49.5	60.0	**K-16150/K-16283**
	2.8440	0.8125	3.5	1.3	49.5	60.0	**K-16150/K-16284**
	2.8440	0.9375	3.5	2.3	49.5	60.0	**K-16150/K-16283**
	2.8750	0.9375	3.5	0.8	74.8	93.0	**K-2788/K-2735 X**
	3.0000	0.8125	1.5	1.3	56.1	64.0	**K-28150/K-28300**
	3.0000	0.9375	3.5	0.8	74.8	93.0	**K-2788/K-2729**
	3.0000	0.9375	3.5	3.3	74.8	93.0	**K-2788/K-2720**
	3.1250	1.1563	3.5	3.3	91.3	110.0	**K-3490/K-3420**
	3.1510	0.8438	1.5	1.5	56.1	64.0	**K-28150/K-28317**
	3.2500	1.1563	0.8	3.3	85.8	118.0	**K-HM 801346/K-HM 801310**
	3.2500	1.1563	2.3	3.3	85.8	118.0	**K-HM 801346 X/K-HM 801310**
	3.4843	1.0625	3.5	1.5	101.0	114.0	**K-418/K-414**
1.5625	2.8750	0.9375	3.5	0.8	74.8	93.0	**K-2789/K-2735 X**
	2.8750	1.0096	0.8	2.3	66.0	86.5	**K-M 201047/K-M 201011**
	3.0000	0.9375	3.5	0.8	74.8	93.0	**K-2789/K-2729**
	3.0000	0.9375	3.5	3.3	74.8	93.0	**K-2789/K-2720**
1.6137	2.7549	0.6890	3.6	1.5	44.0	58.5	**K-LM 300849/K-LM 300811**
1.6250	2.8750	0.6562	3.5	1.5	46.8	56.0	**K-18590/K-18520**
	2.8910	0.7700	3.5	0.8	55.0	69.5	**K-LM 501349/K-LM 501310**
	2.8910	0.8437	3.5	0.8	55.0	69.5	**K-LM 501349/K-LM 501314**
	2.8910	0.9060	3.5	2.3	55.0	69.5	**K-LM 501349/K-LM 501311**
	3.0000	0.7090	1.5	1.5	45.7	56.0	**K-11162/K-11300**
	3.0000	0.8750	3.5	0.8	68.2	86.5	**K-24780/K-24720**
	3.2500	1.0450	3.5	3.3	73.7	91.5	**K-M 802048/K-M 802011**
	3.4375	1.1875	1.5	3.3	102.0	132.0	**K-3585/K-3525**
	3.4375	1.1875	3.5	3.3	102.0	132.0	**K-3577/K-3525**
	3.4843	1.0625	3.5	1.5	101.0	114.0	**K-419/K-414**
	3.5000	1.1875	35.0	3.3	95.2	127.0	**K-HM 803146/K-HM 803110**
	3.7500	1.2188	1.5	0.8	88.0	96.5	**K-53162/K-53375**
	3.7500	1.2188	1.5	2.3	88.0	96.5	**K-53162/K-53370**
	3.8750	1.2188	1.5	1.5	88.0	96.5	**K-53162/K-53387 X**
	4.0000	1.3750	3.5	3.3	151.0	190.0	**K-526/K-522**
1.6875	3.4375	1.1875	3.5	3.3	102.0	132.0	**K-3579/K-3525**
1.6880	3.2650	0.9375	3.5	0.8	80.9	106.0	**K-25577/K-25520**
	3.2650	1.0625	3.5	2.3	80.9	106.0	**K-25577/K-25523**
	3.2700	0.9400	3.5	2.0	80.9	106.0	**K-25577/K-25522**
1.7500	2.8750	0.7188	1.5	1.5	48.4	67.0	**K-L 102849/K-L 102810**

Dimensions inch					Load Rating kN		AEC Bearing
d	D	B	r (mm)	r_1 (mm)	Dynamic (C)	Static (C_O)	
	3.2650	0.9375	3.5	0.8	80.9	106.0	**K-25580/K-25520**
	3.2650	1.0586	3.5	2.3	80.9	106.0	**K-25580/K-25523**
	3.2700	0.9400	3.5	2.0	80.9	106.0	**K-25580/K-25522**
	3.4375	1.1875	3.5	3.3	102.0	132.0	**K-3578/K-3525**
	3.5000	1.1875	3.5	3.3	95.2	127.0	**K-HM 803149/K-HM 803110**
	3.5480	0.9055	3.5	2.3	70.4	81.5	**K-355 X/K-352**
	3.6250	1.1875	3.5	3.3	95.2	127.0	**LM 803149/LM 803112**
	3.6718	1.1875	3.5	3.3	110.0	146.0	**K-3782/K-3720**
1.7500	3.7500	1.0938	3.5	2.3	105.0	125.0	**K-438/K-432**
	3.7500	1.0938	0.8	0.8	105.0	137.0	**K-33885/K-33822**
	3.7500	1.2188	1.3	0.8	88.0	96.5	**K-53176/K-53375**
	3.7500	1.2188	1.3	2.3	88.0	96.5	**K-53176/K-53377**
	3.7500	1.2188	2.0	0.8	88.0	96.5	**K-53178/K-53375**
	3.7500	1.2188	2.0	2.3	88.0	96.5	**K-53178/K-53377**
	3.7500	1.2188	3.5	0.8	88.0	96.5	**K-53177/K-53375**
	3.7500	1.2188	3.5	0.8	101.0	122.0	**K-HM 903249/K-HM 903210**
	3.8750	1.2188	1.3	1.5	88.0	96.5	**K-53176/K-53387 X**
	4.0000	1.3750	3.5	3.3	151.0	190.0	**K-527/K-522**
	4.2500	1.4375	3.5	3.3	151.0	190.0	**K-535/K-532 X**
	4.3750	1.5000	3.5	3.3	151.0	190.0	**K-535/K-532 A**
	4.7500	1.6250	3.5	3.3	168.0	212.0	**K-615/K-612**
1.7710	3.6718	1.1875	3.5	3.3	110.0	146.0	**K-3776/K-3720**
1.7712	3.3465	0.8125	2.0	1.5	70.4	81.5	**K-358 X/K-354 X**
	4.1333	0.9257	2.5	2.5	110.0	146.0	**K-HM 905843/K-HM 905810**
1.7812	3.0625	0.7812	3.5	0.8	53.9	69.5	**K-LM 603049/K-LM 603011**
1.7960	3.2650	0.9375	3.5	0.8	80.9	106.0	**K-25590/K-25520**
	3.2650	1.0625	3.5	2.3	80.9	106.0	**K-25590/K-25523**
	3.2700	0.9400	3.5	2.0	80.9	106.0	**K-25590/K-25522**
1.8105	2.9518	0.7087	2.3	1.5	50.1	71.0	**K-LM 503349/K-LM 503310**
	3.5817	1.2598	3.5	3.5	121.0	156.0	**K-HM 204049/K-HM 204010**
1.8125	3.1250	0.6875	2.8	1.5	49.5	62.0	**K-18690/K-18620**
	3.3465	0.8125	2.3	1.5	70.4	81.5	**K-359 S/K-354 X**
1.8750	3.8125	0.8268	0.8	0.8	80.9	102.0	**K-386 A/K-382 A**
	4.0000	1.3750	3.5	3.3	151.0	190.0	**K-528/K-522**
1.8750	4.0000	1.3750	8.0	3.3	151.0	190.0	**K-528 R/K-522**
	4.3750	1.1875	3.5	3.3	95.2	114.0	**K-55187/K-55437**
	4.4375	1.1875	3.5	3.3	95.2	114.0	**K-55187/K-55443**
1.9375	4.0625	0.9314	3.5	3.3	176.0	240.0	**K-5395/K-5335**
	4.1250	1.4375	3.5	3.3	145.0	204.0	**K-HM 807044/K-HM 807010**
1.9685	3.6718	1.1875	3.5	3.3	110.0	146.0	**50KW01/3720**
2.0000	3.3465	0.6875	3.5	1.5	50.1	65.5	**K-18790/K-18720**
	3.5000	0.8125	3.5	1.3	76.5	91.5	**K-368 A/K-362 A**
	3.5433	0.9843	3.5	2.0	76.5	91.5	**K-368 A/K-362 X**
	3.6250	0.9688	3.5	0.8	85.8	118.0	**K-28580/K-28521**
	3.6718	1.1875	3.5	3.3	110.0	146.0	**K-3780/K-3720**
	3.7500	1.0938	3.5	0.8	105.0	137.0	**K-33889/K-33822**
	3.8437	0.9688	3.5	0.8	89.7	129.0	**K-28678/K-28622**
	4.0000	1.3750	3.5	3.3	151.0	190.0	**K-529 X/K-522**

Dimensions inch					Load Rating kN		AEC Bearing
d	D	B	r (mm)	r_1 (mm)	Dynamic (C)	Static (C_O)	
	4.1250	1.1688	3.5	3.3	157.0	224.0	**K-4580/K-4535**
	4.1250	1.1875	6.4	3.3	130.0	173.0	**K-45284/K-45220**
	4.1250	1.4375	3.5	3.3	145.0	204.0	**K-HM807046/K-HM 807010**
	4.2500	1.4375	3.5	3.3	151.0	190.0	**K-537/K-532 X**
	4.3750	1.1875	3.5	3.3	105.0	140.0	**K-HM907643/K-HM 907614**
	4.3750	1.1875	3.5	3.3	95.2	114.0	**K-55200/K-55437**
	4.3750	1.5000	3.5	3.3	151.0	190.0	**K-537/K-532 A**
	4.4375	1.1875	3.5	3.3	95.2	114.0	**K-55200/K-55443**
	4.6250	1.3125	3.5	3.3	128.0	150.0	**K-66200/K-66462**
2.0625	3.6250	0.9688	0.8	3.5	85.8	118.0	**28584/28521**
2.1250	3.5000	0.7500	2.3	2.0	583.0	78.0	**K-LM 806649/K-LM 806610**
	3.7500	1.0938	1.5	0.8	105.0	137.0	**K-33895/K-33822**
	4.1250	1.4375	3.5	3.3	145.0	204.0	**K-HM 807049/K-HM 807010**
2.1250	4.2500	1.4375	3.5	3.3	151.0	190.0	**K-539/K-532 X**
	4.3750	1.5000	3.5	3.3	151.0	190.0	**K-539/K-532 A**
	4.7500	1.6250	3.5	3.3	168.0	212.0	**K-621/K-612**
	4.8750	1.4375	3.3	3.5	157.6	291.0	**CK 72212/2/SK 72487/3**
	5.0000	1.7500	3.5	3.3	209.0	275.0	**K-65212/K-65500**
2.1875	3.8437	0.9688	3.5	3.5	89.7	129.0	**K-28680/K-28622**
	4.8125	1.7188	1.3	1.3	201.0	305.0	**K-5566/K-5535**
2.2500	3.8125	0.8268	2.3	0.8	80.9	102.0	**K-387/K-382 A**
	3.8125	0.8268	3.5	0.8	80.9	102.0	**K-387 A/K-382 A**
	3.8125	0.8268	5.0	0.8	80.9	102.0	**K-387 AS/K-382 A**
	3.8125	1.0000	2.3	2.3	80.9	102.0	**K-387/K-382 S**
	3.8125	1.0000	3.5	2.3	80.9	102.0	**K-387 A/K-382 S**
	3.8125	1.0000	5.0	2.3	80.9	102.0	**K-387 AS/K-382 S**
	3.8437	0.9688	3.5	0.8	89.7	129.0	**K-28682/K-28622**
	3.8750	0.8268	2.3	0.8	80.9	102.0	**K-387/K-382**
	3.8750	0.8268	3.5	0.8	80.9	102.0	**K-387 A/K-382**
	3.8750	0.8268	5.0	0.8	80.9	102.0	**K-387 AS/K-382**
	3.9370	0.8268	2.3	2.0	80.9	102.0	**K-387/K-383 A**
	3.9370	0.8268	3.5	2.0	80.9	102.0	**K-387 A/K-383 A**
	3.9370	0.8268	5.0	2.0	80.9	102.0	**K-387 AS/K-383 A**
	4.1250	1.1875	2.3	3.3	121.0	160.0	**K-462/K-453 X**
	4.2500	1.0938	2.3	2.3	121.0	160.0	**K-462/K-453 AS**
	4.4375	1.1875	8.0	3.3	142.0	204.0	**K-39581/K-39520**
	4.4375	1.1875	3.5	3.3	142.0	204.0	**K-39580/K-39520**
	4.7238	1.2894	3.5	0.8	142.0	204.0	**K-39580/K-39528**
	4.7500	1.6250	3.5	3.3	212.0	186.0	**K-623/K-612**
	5.0000	1.7500	3.5	3.3	209.0	275.0	**K-65225/K-65500**
2.2650	3.8125	0.8268	3.5	0.8	80.9	102.0	**K-388 A/K-382 A**
	3.8125	1.0000	3.5	2.3	80.9	102.0	**K-388 A/K-382 S**
	3.8750	0.8268	3.5	0.8	80.9	102.0	**K-388 A/K-382**
	3.9370	0.8268	3.5	2.0	80.9	102.0	**K-388 A/K-383 A**
2.3750	3.9370	1.0000	3.5	3.3	85.8	125.0	**K-28985/K-28921**
	4.0000	1.0000	3.5	3.3	85.8	125.0	**K-28985/K-28920**
	5.0000	1.4375	3.5	1.5	165.0	236.0	**K-HM 813841/K-HM 813811**
	5.0000	1.7500	3.5	3.3	209.0	275.0	**K-65237/K-65500**

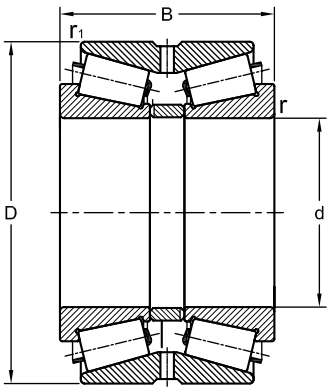
Dimensions inch					Load Rating kN		AEC Bearing
d	D	B	r (mm)	r_1 (mm)	Dynamic (C)	Static (C_O)	
	5.1250	1.4375	5.0	3.3	151.0	180.0	**K-HM 9112245/K-HM 911210**
2.4375	5.3750	1.8125	3.5	3.3	229.0	375.0	**K-H 715334/K-H 715311**
	5.7500	1.6250	3.5	3.3	198.0	236.0	**K-H 913842/K-H 913810**
	5.7500	1.6250	7.0	3.3	198.0	236.0	**K-H 913843/K-H 913810**
2.5000	4.1250	0.8438	2.0	2.0	85.8	112.0	**K-39250/K39412**
	4.2500	1.0000	3.5	3.3	89.7	137.0	**K-29585/K-29520**
	4.3307	0.8661	3.5	1.3	88.0	118.0	**K-395/K-394 A**
	4.4375	1.1875	3.5	3.3	142.0	204.0	**K-39585/K-39520**
	4.4375	1.1875	3.5	3.3	123.0	183.0	**K-3982/K-3920**
	4.8750	1.5000	3.5	3.3	173.0	240.0	**K-559/K-552 A**
	5.1181	1.4646	3.0	3.6	194.3	370.0	**565XL/562SL**
2.5625	5.3447	2.1250	3.5	3.3	286.0	400.0	**K-6379/K-6320**
2.5979	4.8809	1.6339	7.0	3.5	224.0	310.0	**K-H 212749/K-H 212710**
2.6250	4.3307	0.8661	0.8	1.3	88.0	118.0	**K-395 A/K-394 A**
	4.3307	0.8661	3.5	1.3	88.0	118.0	**K-395 S/K-394 A**
	4.3307	1.0000	3.5	1.3	89.7	137.0	**K-29590/K-29521**
	4.4375	1.1875	3.5	3.3	123.0	183.0	**K-3984/K-3920**
	4.4375	1.1875	3.5	0.8	123.0	183.0	**K-3984/K-3925**
	4.4375	1.1875	3.5	3.3	142.0	204.0	**K-39590/K-39520**
	4.6250	1.1875	3.5	3.3	123.0	190.0	**K-33262/K-33462**
2.6250	4.7244	1.1730	3.5	0.8	123.0	190.0	**K-33262/K-33472**
	4.8750	1.5000	3.5	3.3	172.0	240.0	**K-560/K-552 A**
	5.3447	2.1250	4.3	3.3	286.0	400.0	**K-6386/K-6320**
	5.3750	1.6250	3.5	3.3	194.0	260.0	**K-641/K-632**
2.6875	4.3307	0.8661	2.3	1.3	88.0	118.0	**K-399 A/K-394 A**
	5.3750	1.8125	3.5	3.3	229.0	375.0	**K-H 715343/K-H 715311**
	6.3750	1.9375	3.5	3.3	260.0	335.0	**K-9278/K-9220**
2.7500	3.9062	0.6693	1.5	1.5	46.8	76.5	**K-LL 713149/K-LL 713110**
	4.4375	1.0000	1.5	3.3	99.0	156.0	**K-29675/K-29620**
	4.6250	1.1875	3.5	3.3	123.0	190.0	**K-33275/K-33462**
	4.7244	1.1730	3.5	0.8	123.0	190.0	**K-33275/K-33472**
	4.7244	1.1730	3.5	2.0	132.0	186.0	**K-482/K-472**
	4.7244	1.2813	3.5	3.3	154.0	228.0	**K-47487/K-47420**
	4.8750	1.1875	3.5	3.3	132.0	186.0	**K-482/K-472 X**
	5.0000	1.4375	3.5	3.3	176.0	255.0	**K-566/K-563**
2.7559	4.7244	1.1730	2.0	2.0	132.0	186.0	**K-484/K-472**
2.8125	4.6250	1.1875	3.5	3.3	123.0	190.0	**K-33281/K-33462**
	4.7244	1.1730	3.5	0.8	123.0	190.0	**K-33281/K-33472**
	4.7244	1.2813	3.5	3.3	154.0	228.0	**K-47490/K-47420**
	5.0000	1.4375	3.5	1.5	165.0	236.0	**K-HM 813849/K-813811**
	5.3750	1.6250	6.4	3.3	194.0	260.0	**K-645/K-632**
	5.3750	1.6250	3.5	3.3	224.0	290.0	**K-H 414249/K-H 414210**
	5.3750	1.8125	3.5	3.3	229.0	375.0	**K-H 715345/K-H 715311**
2.8750	4.4375	1.0000	3.5	3.3	99.0	156.0	**K-29685/K-29620**
	4.6250	1.1875	3.5	3.3	123.0	190.0	**K-33287/K-33462**
	4.7244	1.1730	3.5	0.8	123.0	190.0	**K-33287/K-33472**
	5.0000	1.4375	3.5	3.3	176.0	255.0	**K-567/K-563**
	5.0000	1.4375	4.8	3.3	176.0	255.0	**K-567 X/K-563**

Dimensions inch					Load Rating kN		AEC Bearing
d	D	B	r (mm)	r_1 (mm)	Dynamic (C)	Static (C_O)	
3.0000	4.3125	0.7500	1.5	1.5	58.3	102.0	**K-L 814749/K-L 814710**
	5.0000	1.1875	3.5	3.3	138.0	204.0	**K-42687/K-42620**
	5.0000	1.1875	6.4	3.3	138.0	204.0	**K-42688/K-42620**
	5.2500	1.1875	6.4	3.3	145.0	220.0	**K-495 AX/K-492 A**
	5.2500	1.1875	3.5	3.3	145.0	220.0	**K-495 A/K-492 A**
	5.2500	1.3125	6.4	3.3	165.0	260.0	**K-47678/K-47620**
	5.3750	1.1875	3.5	3.3	145.0	220.0	**K-495 A/K-493**
	5.3750	1.1875	6.4	3.3	145.0	220.0	**K-495 AX/K-493**
	5.5000	1.4375	3.5	3.3	187.0	280.0	**K-575/K-572 X**
	5.5115	1.4375	3.5	3.3	187.0	280.0	**K-575/K-572**
	5.7500	1.6250	3.5	3.3	220.0	320.0	**K-659/K-653**
	5.9090	1.7500	3.5	3.3	286.0	405.0	**K-748 S/K-742**
	6.0000	1.6250	3.5	3.3	220.0	320.0	**K-659/K-652**
	6.3750	1.9375	3.5	3.3	260.0	335.0	**K-9285/K-9220**
3.0625	4.6250	1.0000	3.5	3.3	101.0	163.0	**K-LM 814849/K-LM 814810**
3.1875	5.2500	1.1875	3.5	3.3	145.0	220.0	**K-496/K-492 A**
	5.3750	1.1875	3.5	3.3	145.0	220.0	**K-496/K-493**
3.2500	4.9375	1.0000	3.5	1.5	112.0	186.0	**K-27687/K-27620**
	5.2500	1.1875	3.5	3.3	145.0	220.0	**K-495/K-492 A**
	5.2500	1.3125	3.5	3.3	165.0	260.0	**K-47686/K-47620**
	5.3750	1.1875	3.5	3.3	145.0	220.0	**K-495/K-493**
	5.5000	1.4375	3.5	3.3	187.0	280.0	**C-580/K-572 X**
	5.5115	1.4375	3.5	3.3	187.0	280.0	**K-580/K-572**
	5.5115	1.4375	6.8	3.3	187.0	280.0	**K-582/K-572**
	5.7500	1.6250	3.5	3.3	220.0	320.0	**K-663/K-653**
	5.9090	1.7500	3.5	3.3	286.0	405.0	**K-749 A/K-742**
	6.0000	1.6250	3.5	3.3	220.0	320.0	**K-663/K-652**
3.2813	4.9375	1.0000	3.5	1.5	112.0	186.0	**K-27690/K-27620**
3.3125	5.2500	1.1875	3.5	3.3	145.0	220.0	**K-498/K-492 A**
	5.3750	1.1875	3.5	3.3	145.0	220.0	**K-498/K-493**
3.3475	5.9090	1.7500	3.5	3.3	286.0	405.0	**K-749/K-742**
3.3750	5.2500	1.1875	3.5	3.3	145.0	220.0	**K-497/K-492 A**
	5.3750	1.1875	3.5	3.3	145.0	220.0	**K-497/K-493**

Taper Roller Bearings

Double Row
Metric Series

97, 209, 430



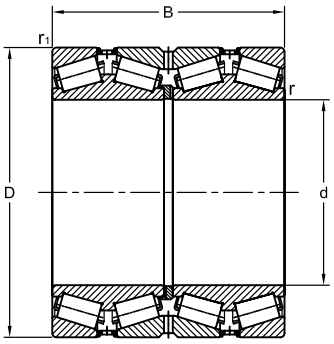
Dimensions mm					Load Rating kN		AEC Bearing
d	D	B	r	r_1	Dynamic (C)	Static (C_O)	
30	62	50	1	0.6	58.7	54.0	**97506**
40	80	55	2	1.0	91.2	87.9	**97508**
45	85	55	2	1.0	86.7	83.6	**97509**
50	90	55	2	1.0	100.0	107.0	**97510**
55	100	60	2	1.0	122.0	121.0	**97511**
60	110	65	2	1.0	141.0	148.0	**97512**
70	125	75	2	1.0	185.0	199.0	**97514**
75	130	75	2	1.0	193.0	212.0	**97515**
80	140	80	3	1.0	224.0	246.0	**97516**
90	160	96	3	1.0	294.0	336.0	**97518**
95	170	108	3	1.0	380.0	440.0	**97519**
100	180	83	3	1.0	457.0	1124.1	**430220**
	180	112	3	1.0	391.0	462.0	**97520**
105	190	118	3	1.0	455.0	546.0	**97521**
120	200	110	3	0.6	429.0	517.0	**2097724**
	215	136	3	1.0	591.0	744.0	**97524**
130	210	110	3	0.6	475.0	599.0	**2097726**
	230	149	4	1.5	650.0	841.0	**97526**
150	210	85	3	0.6	270.0	3900.0	**2097930**
	250	138	3	1.0	667.0	838.0	**2097730**
	270	172	4	1.5	924.0	1180.0	**97530**
160	270	150	3	1.0	791.0	1050.0	**2097732**
180	250	95	3	0.6	417.0	583.0	**2097936**
	280	134	3	1.0	715.0	950.0	**2097136**
	300	164	4	1.5	958.0	1290.0	**2097736**
190	260	95	3	0.6	431.0	618.0	**2097938**
	320	172	4	1.5	991.0	1300.0	**2097738**
200	280	118	3	1.0	545.0	8200.0	**2097940**
	310	151	3	1.0	857.0	1210.0	**2097140**
	340	183	4	1.5	1250.0	1680.0	**2097740**
220	300	110	3	1.0	577.0	900.0	**2097944**
	340	165	4	1.5	1030.0	1400.0	**2097144**

Dimensions mm					Load Rating kN		AEC Bearing
d	D	B	r	r_1	Dynamic (C)	Static (C_O)	
	370	200	5	1.5	1400.0	1870.0	**2097744**
240	320	109	3	1.0	585.0	927.0	**2097948**
	340	165	4	1.0	1030.0	1400.0	**2097148**
	400	210	5	1.5	1580.0	2170.0	**2097748**
260	360	136	3	1.0	850.0	1280.0	**2097952**
	400	186	5	1.5	1350.0	1960.0	**2097152**
	440	225	5	1.5	1920.0	2590.0	**2097752**
280	420	189	5	1.5	1420.0	2030.0	**2097156**
300	420	160	4	1.0	1260.0	1800.0	**2097960**
340	460	160	4	1.0	1350.0	2000.0	**2097968**
360	480	160	4	1.0	1390.0	2090.0	**2097972**

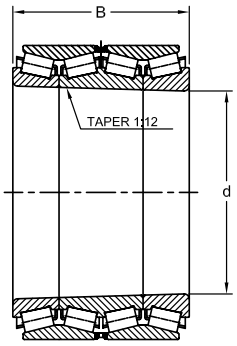
Taper Roller Bearings

Four Row
Metric & Inch Series

HM, LM, M



TQO



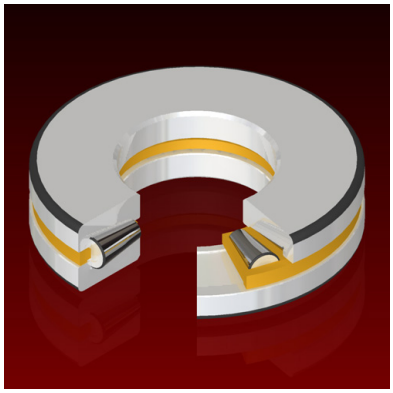
TQIT

Dimensions mm					Load Rating kN		AEC Bearing	Design
d	D	B	r	r_1	Dynamic (C)	Static (C_O)		
95.25	137	122.24	0.8	2.3	452.6	553.5	**LM 119348 D/11/11 D**	**TQO**
127	183	158.75	1.5	3.3	746.7	1014.1	**48290 DW/220/220 D**	**TQO**
177	248	192.09	1.5	3.3	1003.8	2773.9	**67790 D/20/21 D**	**TQO**
181	284	239.72	3.3	3.3	1473.2	3662.7	**M 240631 T/611 TD/611 D**	**TQIT**
206	282	190.50	0.8	3.3	1390.2	2160.9	**67986 DW/20/21 D**	**TQO**
220	340	305.00	3.0	3.0	2522.2	5760.8	**2077144**	**TQO**
221	314	239.71	1.5	3.3	2057.7	2856.9	**M 244249 D/210/210 D**	**TQO**
244	327	193.68	1.5	3.3	1685.7	2429.7	**LM 247748 D/710/710 D**	**TQO**
260.35	422	317.50	6.4	3.3	3661.3	5161.8	**HMC 252349 D/310/310 D**	**TQO**
267	356	228.60	1.5	3.3	1835.2	5324.4	**LM 451349 DW/10/10 D**	**TQO**
280	460	324.00	5.0	5.0	2800.0	3840.0	**1077756**	**TQO**
286	381	244.48	1.5	3.3	2614.8	4007.2	**LM 654648 DW/610/610 D**	**TQO**
289	406	298.45	3.3	3.3	3684.6	5362.2	**M 255449 D/410/410 D**	**TQO**
300	460	390.00	4.0	4.0	3240.0	5070.0	**2077160**	**TQO**
318	448	327.03	3.3	3.3	4960.6	7280.0	**HM 259049 D/10/10 D**	**TQO**
343	457	252.50	1.5	3.3	2388.0	6780.0	**LM 761649 DW/610/610 D**	**TQO**
348	470	292.10	3.3	3.3	3989.9	5676.4	**HM 262449 DW/410/410 D**	**TQO**
368	524	382.59	3.3	6.4	6949.1	10245.7	**M 265049 DW/010/010 D**	**TQO**
384	546	400.05	3.3	6.4	6981.2	9950.2	**HM 266449 DW/410/410 D**	**TQO**
406	546	288.92	1.5	6.4	3576.8	10589.9	**LM 767749 DW/10/10 D**	**TQO**
450	595	368.00	3.0	6.0	7209.0	10603.5	**M 270449 DW/410/410 D**	**TQO**
480	700	420.00	6.0	2.5	5468.0	15466.6	**577796**	**TQIT**
500	720	420.00	8.0	8.0	5660.0	9050.0	**771/500**	**TQO**
630	920	515.00	8.0	8.0	8790.0	14600.0	**771/630**	**TQO**

Taper Roller Bearings

Thrust
Inch Series

T



Dimensions mm				Load Rating kN		AEC Bearing
d	D	B	r	Dynamic (C)	Static (C_O)	
76.200	161.925	33.338				**T 311**
111.760	223.520	55.880	3.3	91.2	87.9	**T 441**
127.000	266.700	58.738	4.8	86.7	83.6	**T 511**
128.588	266.700	58.738	4.8	100.0	107.0	**T 511 A**
127.000	250.825	55.562	4.8	122.0	121.0	**T 520**
152.400	317.500	69.850	4.8	141.0	148.0	**T 611**
165.100	311.150	88.900	6.4	185.0	199.0	**T 651**
168.275	304.800	69.850	6.4	193.0	212.0	**T 661**
174.625	358.775	82.550	6.4	224.0	246.0	**T 691**
177.800	368.300	82.550	8.0	294.0	336.0	**T 711**
203.200	419.100	92.075	8.0	380.0	440.0	**T 811**
228.600	431.800	88.773	9.7	457.0	1124.1	**T 9020**
228.600	482.600	104.775	11.2	391.0	462.0	**T 911**
234.950	482.600	104.775	11.2	391.0	462.0	**T 911 A**
234.950	546.100	127.000	16.0	455.0	546.0	**T 921**
190.500	368.300	92.250	8.7	429.0	517.0	**T 9727**
206.375	419.100	120.650	11.4	591.0	744.0	**T 9848**
241.300	496.300	127.000	16.0	475.0	599.0	**T 9936**
260.000	360.000	92.000	1.0	650.0	841.0	**350981 C**[*]
273.050	552.450	132.715	6.4	4372.0	20777.0	**N 3243 A**
350.000	490.000	130.000	1.1	990.0	4650.0	**351100 C**[1]

[1] Double Direction Thrust Bearing